

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: *WELL LOG ☒ ELECTRIC LOGS ☒ X WATER SANDS ☐ LOCATION INSPECTED ☐ L & GAS SUB. REPORT/abd.

920113 Markus to Balcon Oil eff. 11-1-91: 930319 Oper. Nm. to Equitable Res. Energy, Balcon Oil Adv.
960401 Oper. Nm. Chg.

870600 chg of oper eff 4-28-87

DATE FILED 6-17-82

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-7978

INDIAN

DRILLING APPROVED: 6-30-82

SPUDDED IN: 2-18-83

COMPLETED: 7-5-83 PUT TO PRODUCING: 7-5-83

INITIAL PRODUCTION: 129 BOPD, 38 MCF, 40 BWPD

GRAVITY A.P.I. 30

GOR: 295:1

PRODUCING ZONES: 4025-5442 GREEN RIVER

TOTAL DEPTH: 5991'

WELL ELEVATION: 5350'

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. PAIUTE FEDERAL #24-8

API NO. 43-013-30675

LOCATION 591' FT. FROM XX (S) LINE.

2055'

FT. FROM XX (W) LINE.

SE SW

1/4 - 1/4 SEC.

8

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
			Equitable Res. Energy				
			Balcon Oil Adv.				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
L. BLACK SHALE 5799	Dakota	Park City	McCracken
DOUGLAS CREEK 4634	Burro Canyon	Rico (Goodridge)	Aneth
HORSESHOE 2150	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
Wasatch 5396	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesa Verde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

DIAMOND SHAMROCK CORPORATION

3. ADDRESS OF OPERATOR

Drawer E Vernal, Utah 84078 801-789-5270

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2055' FWL 591" FSL Section 8, T9S, R17E, S.L.B. & M.

At proposed prod. zone

Same

Section 8, T9S, R17E, S.L.B. & M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 miles Southwest of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

591'

16. NO. OF ACRES IN LEASE

1295.31

13. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

5800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5350'

22. APPROX. DATE WORK WILL START

A.S.A.P.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	32 # K-55	250'	Circulate to surface
7 7/8"	5 1/2"	15.5 # K-55	T.D. 5800'	Circulate to surface

Drill 12 1/2" hole to approximately 250' set 8 5/8" casing,
set up BOP as required and pressure test. Drill 7 7/8" hole
to approximately 5300' if production is found feasible set
5 1/2" production casing.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new production zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED

Bruce Elliott

TITLE District Superintendent

DATE 11/20/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*Paul C. Gifford*FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

DATE

AUG 6 1982

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80NOTICE OF APPROVAL
State Oil & Gas

Identification No. 375-82

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Diamond Shamrock Corporation
Project Type Oil Well
Project Location 2055' FWL 591' FSL Section 8, T. 9 S., R. 17 E.
Well No. 24-8 Lease No. U-7978
Date Project Submitted June 17, 1982

FIELD INSPECTION

Date June 25, 1982

Field Inspection
Participants

Greg Darlington - MMS, Vernal
Gary Slagel - BLM, Vernal
Bill Elliott - Diamond Shamrock
Gene Stewart - Uintah Engineering
Floyd Murray - D.E. Casada

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

July 2, 1982
Date Prepared

Greg Darlington
Environmental Scientist

I concur

JUL 06 1982

Date

W. Martin
District Supervisor
FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED
JUL 6 1982
SALT LAKE CITY, UTAH

Proposed Actions :

Diamond Shamrock plans to drill the Private Federal #24-8 well, a 5800' oil test of various formations. A new access road of 200' length will be required. A pad 135' by 325' and a nerve pit 75' by 150' are planned for the location.

Recommended Approval Conditions :

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: June 25, 1982

Well No.: 24-8

Lease No.: V-7978

Approve Location: ✓

Approve Access Road: ✓ Modified

Modify Location or Access Road: Shortened road by 100' by going directly back to existing road to make a roughly perpendicular intersection.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Good location.

Gilsonite Reservoir may be present in the area and gilsonite has been mined in nearby section 4.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	June 25 1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1.-7.*

1. GEOLOGICAL NAME OF SURFACE FORMATION

(A) Uintah Formation of Eocene Age

2. TOPS OF IMPORTANT GEOLOGICAL MARKERS

(A) Top Oil Shale	1452
(B) Horsebench Sand	2148
(C) Base Oil Shale	3044
(D) Garden Gulch MBR	3586
(E) Douglas Creek MBR	4562
(F) Douglas Creek V Sand	4594
(G) Douglas Creek III Sand	5014
(H) Douglas Creek I Sand	5044
(I) Upper Black Shale	5187
(J) Wasatch Tongue MBR	5394
(K) Wasatch Tongue III Sand	5432
(L) Wasatch Tongue I Sand	5634
(M) Lower Black Shale	5701
(N) TD	5800

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL OR GAS

(A) Oil anticipated in Douglas Creek V Sand, Douglas Creek III Sand, Wasatch Tongue III.

4. PROPOSED CASING PROGRAM

(A) 250' of 8 5/8" surface casing 32# per foot.
5700' of 5 1/2" 15.5# per foot. (K-55)

5. SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

(A) 12 inch 3000# Double Hydraulic B.O.P. with Pipe rams and Blind rams and Spherical B.O.P.

(B) B.O.P. to be pressure tested before spudding and daily testing of closing units and rams while drilling.

6. PROPOSED CIRCULATING MEDIUM

(A) Brine water is proposed to be used unless additional weight is needed to control pressure or heaving shale. In this event a chemical - gel fresh water mud will be used and Barite as needed to control pressure.

7. AUXILIARY EQUIPMENT TO BE USED

(A) Upper Kelly

(B) Float at Bit

(C) Floor T.I.W. Valve (stabbing valve) for drill pipe

(D) Gas Detector Logging Unit

8. TESTING, LOGGING AND CORING PROGRAM

- (A) DIL-SFL Base of surface casing T.D.
- (B) GR-FDC-CNL Base of surface casing T.D.
- (C) Cyberlook - Base of surface casing T.D.
- (D) BHC-Sonic - Base of surface casing T.D.

9. ANTICIPATED ABNORMAL PRESSURES, TEMPERATURES OF HAZARDS

- (A) No abnormal pressures expected
- (B) No hydrogen sulfide gas expected

10. STARTING DATE AND DURATION OF OPERATIONS

- (A) Anticipated starting date as soon as approvals are made. July 1, 1982
- (B) This well is anticipated to be drilled in approximately 30 days.

DIAMOND SHAMROCK CORPORATION

13 Point Surface Use Plan

Well Location

Paiute Federal #24-8

Located In

Section 8, T9S, R17E, S.1.B. & M.

Duchesne County, Utah

DIAMOND SHAMROCK CORPORATION
Paiute Federal #24-8
Section 8, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach DIAMOND SHAMROCK CORPORATION, well location site Paiute Federal #24-8, located in the SW 1/4 SW 1/4 Section 8, T9S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 10 - 1.4 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 11.5 miles to its junction with an existing dirt road to the Southwest proceed Southwesterly along this road 0.6 miles to the beginning of the proposed access road to be described in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exits to the South; thereafter the road is constructed with existing materials and gravels. The Highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt road will require upgrading which will meet the requirements of Item #2.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the SE 1/4 SW 1/4 Section 8, T9S, R17E, S.L.B. & M., and proceeds in a Westerly direction approximately 300' to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this access road.

There will be no turnouts required along this road.

There are no fences encountered along this access road therefore there are no gates or cattleguards required.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known water wells, producing wells, abandoned wells, drilling wells, shut-in wells for observation or for other resources within a one mile radius.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are existing production facilities belonging to DIAMOND SHAMROCK CORPORATION within a one mile radius.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to existing facilities in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 15.1 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area -- (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Duchesne River is located approximately 10 miles to the North of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

DIAMOND SHAMROCK CORPORATION
Paiute Federal #24-8
Section 8, T9S, R17E, S.L.B. & M.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Paiute Federal #24-8 is located approximately 1.2 miles South of Castle Peak Draw a non-perennial drainage which runs to the South and East into the Green River.

The terrain in the vicinity of the location slopes from the South through the location site to the North at approximately a 1.0% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

All lands involved under this action are under B.L.M. jurisdiction.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Elliot
DIAMOND SHAMROCK CORPORATION
85 South 200 East
Vernal, UT 84078

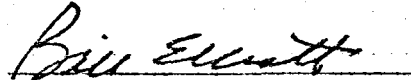
1-801-789-5270

DIAMOND SHAMROCK CORPORATION
Paiute Federal #24-8
Section 8, T9S, R17E, S.L.B. & M.

13. CERTIFICATION

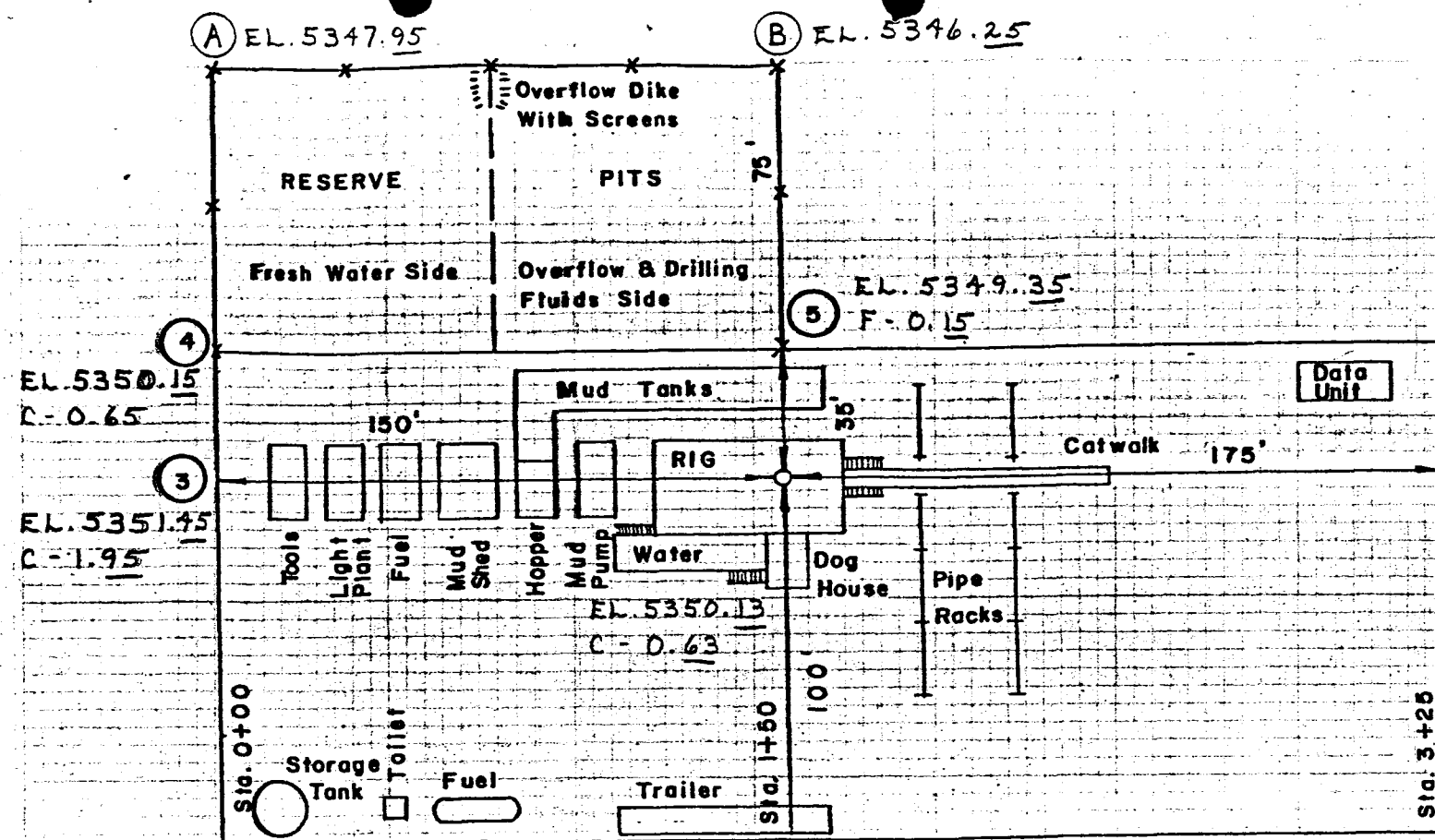
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by DIAMOND SHAMROCK CORPORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

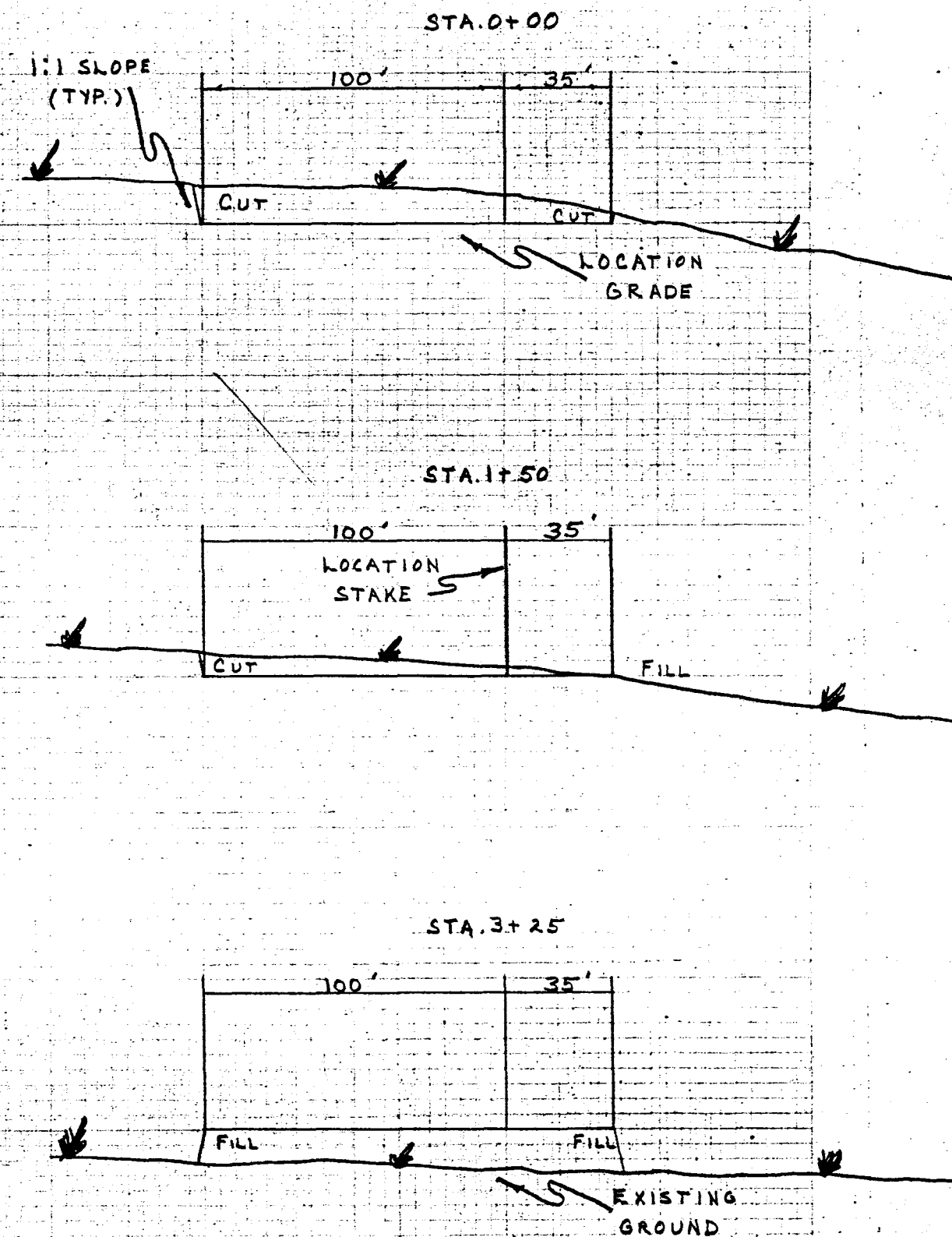


Bill Elliot

DIAMOND SHAMROCK CORP.
PAIUTE FEDERAL #24-8



CROSS SECTIONS



SCALES

1" = 50'

APPROXIMATE YARDAGES

Cubic Yards of Cut - 1,524
Cubic Yards of Fill - 1,092

DIAMOND SHAMROCK
PROPOSED LOCATION
PAIUTE FEDERAL #24-8

TOPO. MAP "B"

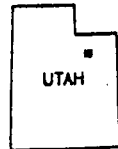


SCALE - 1" = 2000'

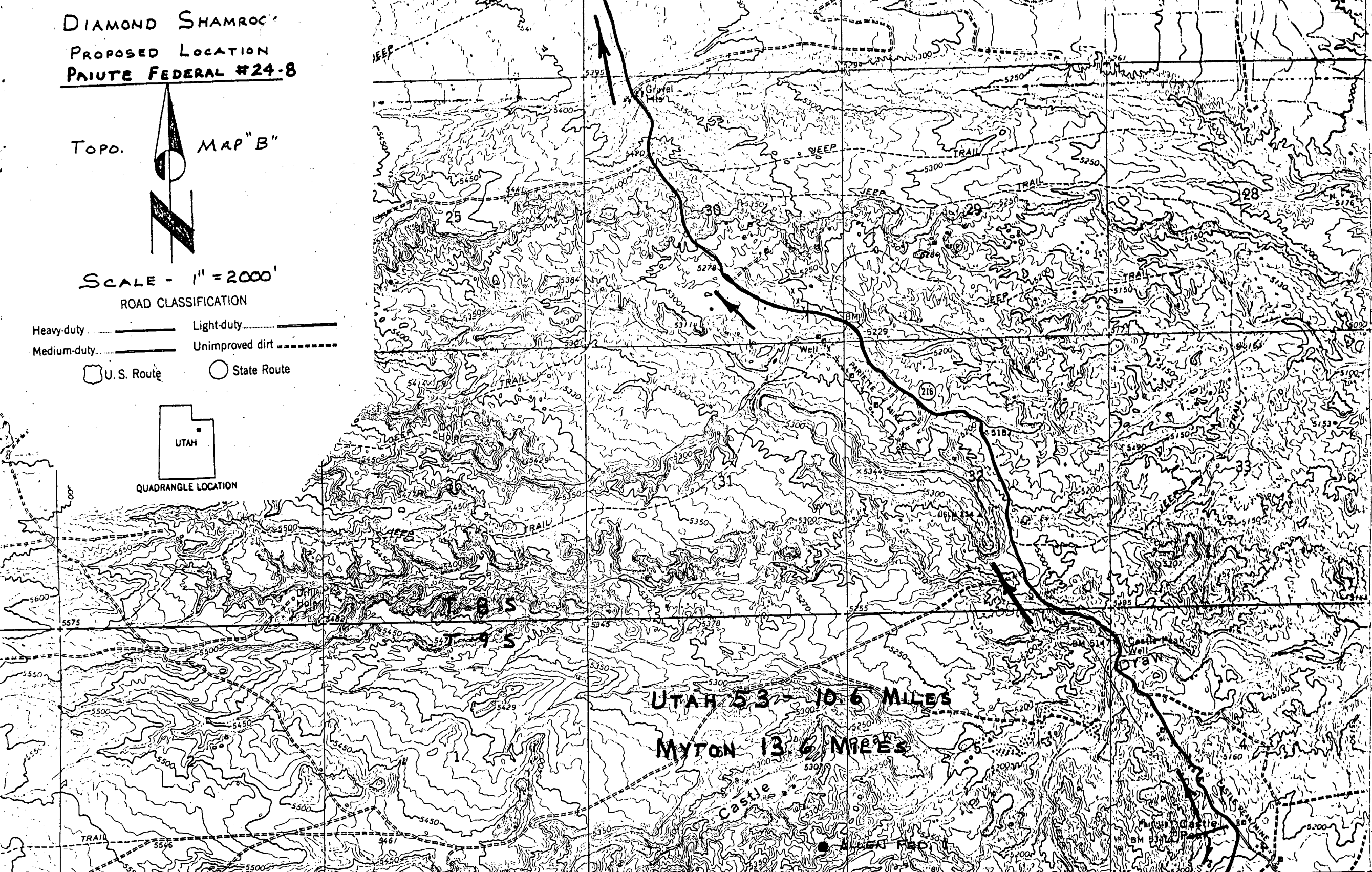
ROAD CLASSIFICATION

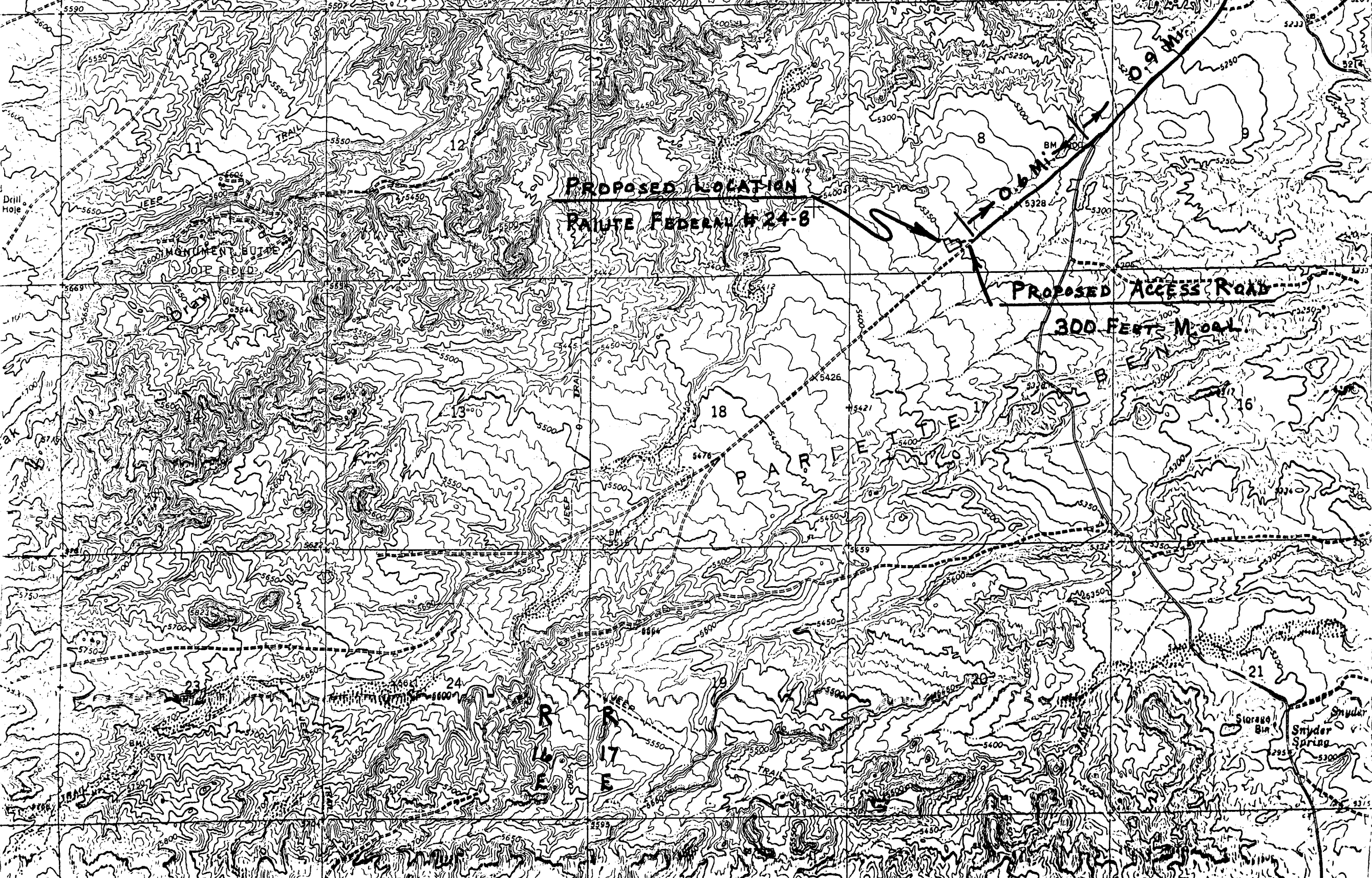
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt - - - - -

U.S. Route State Route



QUADRANGLE LOCATION





UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK*

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

DIAMOND SHAMROCK CORPORATION

3. ADDRESS OF OPERATOR

Drawer E Vernal, Utah 84078 801-789-5270

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2055' FWL 591" FSL Section 8, T9S, R17E, S.L.B. & M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 miles Southwest of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

591'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

16. NO. OF ACRES IN LEASE

1295.31

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

5800'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5350'

22. APPROX. DATE WORK WILL START

A.S.A.P.

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set up BOP as required and pressure test. Drill 7 7/8" hole
to approximately 5300' if production is found feasible set
5 1/2" production casing.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 11/30/81BY: [Signature]

RECEIVED

JUN 17 1982

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED [Signature]TITLE District SuperintendentDATE 11/20/81

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

SCALE	1" = 1000'	DATE	6/2/82
PARTY	RT MD LZ	REFERENCES	GLO Plot
WEATHER	Cloudy / Warm	FILE	DIAMOND SHAM.

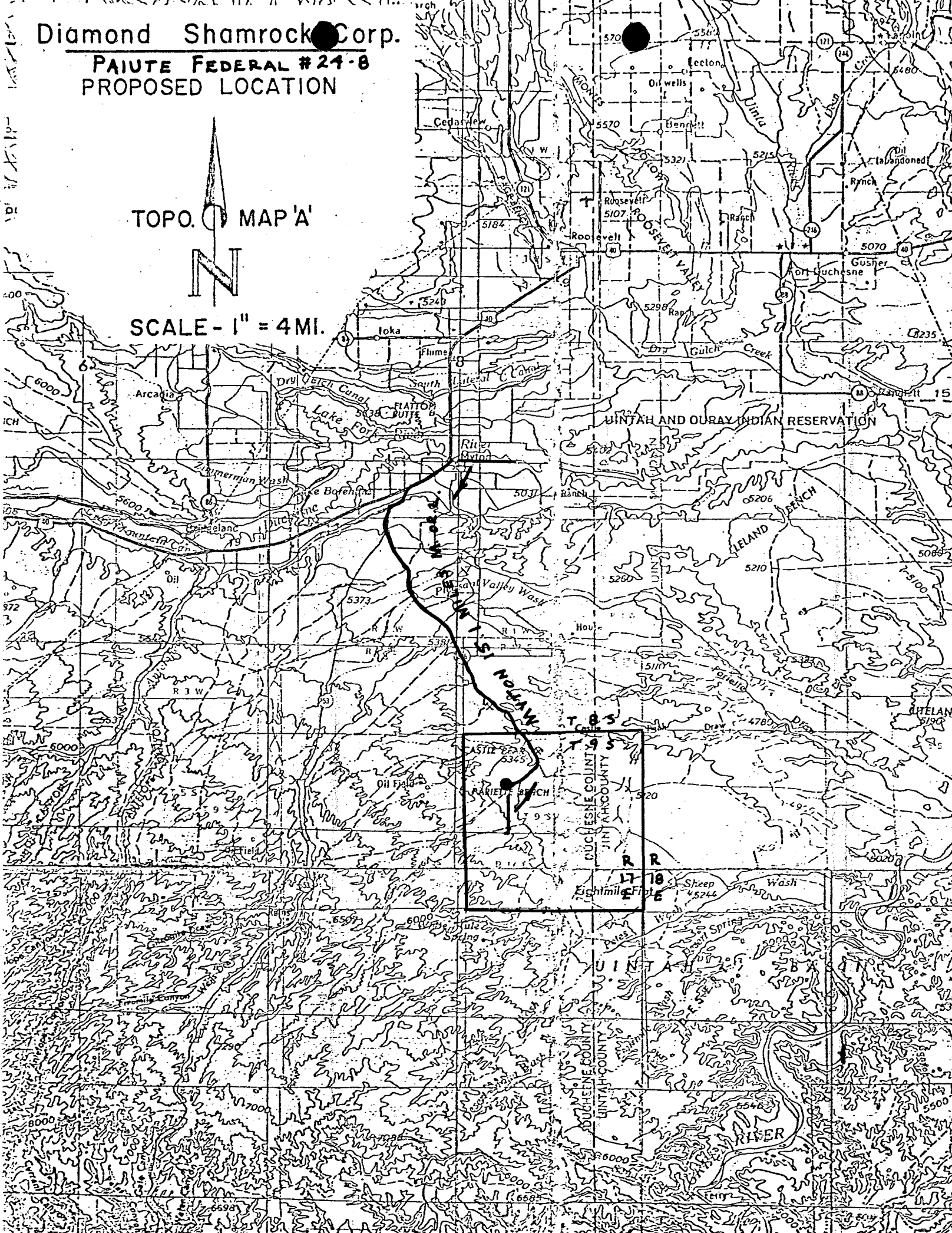
Diamond Shamrock Corp.

PAIUTE FEDERAL #24-8
PROPOSED LOCATION

TOPO. MAP 'A'



SCALE - 1" = 4 MI.



**** FILE NOTATIONS ****

DATE: June 22, 1982

OPERATOR: Diamond Shamrock Corporation

WELL NO: Parite Federal #24-8

Location: Sec. 8 T. 9S R. 17E County: Duckworth

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-013-30675

CHECKED BY:

Petroleum Engineer: OK

Director: _____

Administrative Aide: As Per Rule C-3

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed

Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒

P.I. ☒



United States Department of the Interior

IN REPLY REFER TO

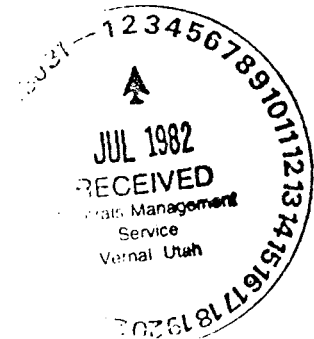
T & R
U-801

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

June 29, 1982

Ed Guynn, District Engineer
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104



Re: Joint Onsite Inspection
Diamond Shamrock Corporation
T9S, R17E, Sec. 4: Paiute #14-4,
Paiute #32-4, Cotton Federal #44-4
T9S, R17E, Sec. 8: Pauite #24-8.

Dear Mr. Guynn:

On June 25, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Diamond Shamrock, Casada Construction, MMS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of topsoil material be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.
7. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Endura-tone or an approved equal. All facilities shall be painted 6 months of

when the production facilities are put in place, facilities that are required to comply with OSHA (Occupational Safety and Health Act) standards are excluded.

8. Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barbed wire.
9. At Paiute #24-8, the access road will enter the location at corner 8.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened and endangered flora/fauna or their habitats.

Sincerely,

Byron K. Tolan acting

Ralph J. Heft
Area Manager
Diamond Mountain Resource Area

cc: USGS, Vernal

July 1, 1982

Diamond Shamrock Corporation
Drawer E
Vernal, Utah 84078

RE: Well No. Paiute Federal #24-8
Sec. 8, T9S, R17E
Duchesne County

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

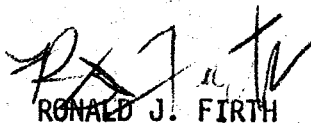
CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30675.

Sincerely,



RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: DIAMOND SHAMROCK

WELL NAME: PAIUTE FEDERAL 24-8

SECTION SESW 8 TOWNSHIP 9S RANGE 17E COUNTY Duchesne

DRILLING CONTRACTOR TWT

RIG # 6

SPUDDED: DATE 2-18-83

TIME 3:45 AM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY Jim Pachulski

TELEPHONE # 307-266-1882

DATE 2-18-83 SIGNED AS

CORE ANALYSIS RESULTS

for

DIAMOND SHAMROCK CORPORATION

PAIUTE-FEDERAL 24-8 WELL
SAND WASH FIELD
DUCHESNE COUNTY, UTAH

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE 1

DIAMOND SHAMROCK CORP.
 PAIUTE-FEDERAL 24-8
 SAND WASH FIELD
 DUCHESNE COUNTY, UTAH

DATE : 2-26-83
 FORMATION : DOUGLAS CREEK
 DRLG. FLUID: WBM
 LOCATION : SE SW SEC. 8 T9S R17E

FILE NO : 3807-0035
 ANALYSTS : R. MOHL
 ELEVATION: 5350 GL

CONVENTIONAL ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM K _a MAXIMUM	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
	4721.0-24.0						LOST CORE
1	4724.0-25.0	2.12	13.6	65.2	15.6	2.65	SD VFG-FN SL/LMY
2	4725.0-26.0	0.45	9.6	53.6	9.5	2.66	SD VFG-FN SL/LMY
3	4726.0-27.0	1.71	12.3	50.2	8.9	2.65	SD VFG-FN SL/LMY
4	4727.0-28.0	7.06	16.3	51.0	5.1	2.65	SD VFG-FN SL/LMY
5	4728.0-29.0	18.	16.7	47.8	6.3	2.66	SD VFG-FN SL/LMY
6	4729.0-30.0	18.	17.0	47.3	6.6	2.66	SD VFG-FN SL/LMY
7	4730.0-31.0	8.95	15.5	52.4	5.7	2.66	SD VFG-FN SL/LMY
8	4731.0-32.0	0.75	9.2	38.1	12.7	2.67	SD VFG-FN SL/LMY
9	4732.0-33.0	0.03	8.2	59.1	6.3	2.66	SD VFG-FN SL/LMY
10	4733.0-34.0	4.52	14.4	44.6	8.6	2.67	SD VFG-FN LMY
11	4734.0-35.0	5.90	14.4	46.4	6.0	2.67	SD VFG-FN LMY
12	4735.0-36.0	0.63	8.2	46.9	11.7	2.67	SD VFG-FN LMY MICA
	4736.0-37.0						SHALE-NO ANALYSIS
13	4737.0-38.0	0.01	4.9	68.9	13.8	2.66	SD VFG SL/ARGIL LMY MICA
14	4738.0-39.0	0.14	6.3	56.9	13.4	2.66	OVF SD VFG-FN LMY MICA

OVF=OPEN VERTICAL FRACTURE

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

DIAMOND SHAMROCK CORP.
PAIUTE-FEDERAL 24-8

DATE : 2-26-83
FORMATION : DOUGLAS CREEK

FILE NO. : 3807-0035
ANALYSTS : R. MOHL

*** CORE SUMMARY AND CALCULATED RECOVERABLE OIL ***

DEPTH INTERVAL: 4724.0 TO 4739.0

FEET OF CORE ANALYZED : 14.0 FEET OF CORE INCLUDED IN AVERAGES: 14.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --

PERMEABILITY HORIZONTAL RANGE (MD.)	:	0.01 TO 20.	(UNCORRECTED FOR SLIPPAGE)
HELIUM POROSITY RANGE (%)	:	0.0 TO 100.0	
OIL SATURATION RANGE (%)	:	0.0 TO 100.0	
WATER SATURATION RANGE (%)	:	0.0 TO 100.0	
SHALE SAMPLES EXCLUDED FROM AVERAGES.			

AVERAGE PERMEABILITY (MILLIDARCIES)

ARITHMETIC PERMEABILITY	:	4.9
GEOMETRIC PERMEABILITY	:	1.2
HARMONIC PERMEABILITY	:	0.09

AVERAGE TOTAL WATER SATURATION (PERCENT OF PORE SPACE)	:	8.6
---	---	-----

AVERAGE CONNATE WATER SATURATION (PERCENT OF PORE SPACE)	:	(E) 6.5
---	---	---------

PRODUCTIVE CAPACITY (MILLIDARCY-FEET)

ARITHMETIC CAPACITY	:	68.
GEOMETRIC CAPACITY	:	17.
HARMONIC CAPACITY	:	1.3

OIL GRAVITY (API)	:	(E) 25.0
-------------------	---	----------

ORIGINAL FORMATION VOLUME FACTOR (BBLs SATURATED OIL/STOCK-TANK BBL)	:	(E) 1.08
---	---	----------

AVERAGE POROSITY (PERCENT)	:	11.9
----------------------------	---	------

ORIGINAL STOCK-TANK OIL IN PLACE (BARRELS PER ACRE-FOOT)	:	(C) 799.
---	---	----------

AVERAGE RESIDUAL OIL SATURATION (PERCENT OF PORE SPACE)	:	51.0
--	---	------

=====

INTERPRETATION OF DATA

INTERVAL 4724-4739 OIL PRODUCTIVE AFTER SUCCESSFUL STIMULATION.

=====

(C) CALCULATED (E) ESTIMATED (M) MEASURED (*) REFER TO ATTACHED LETTER.

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

PERMEABILITY VS POROSITY

COMPANY: DIAMOND SHAMROCK CORP.
 FIELD : SAND WASH FIELD

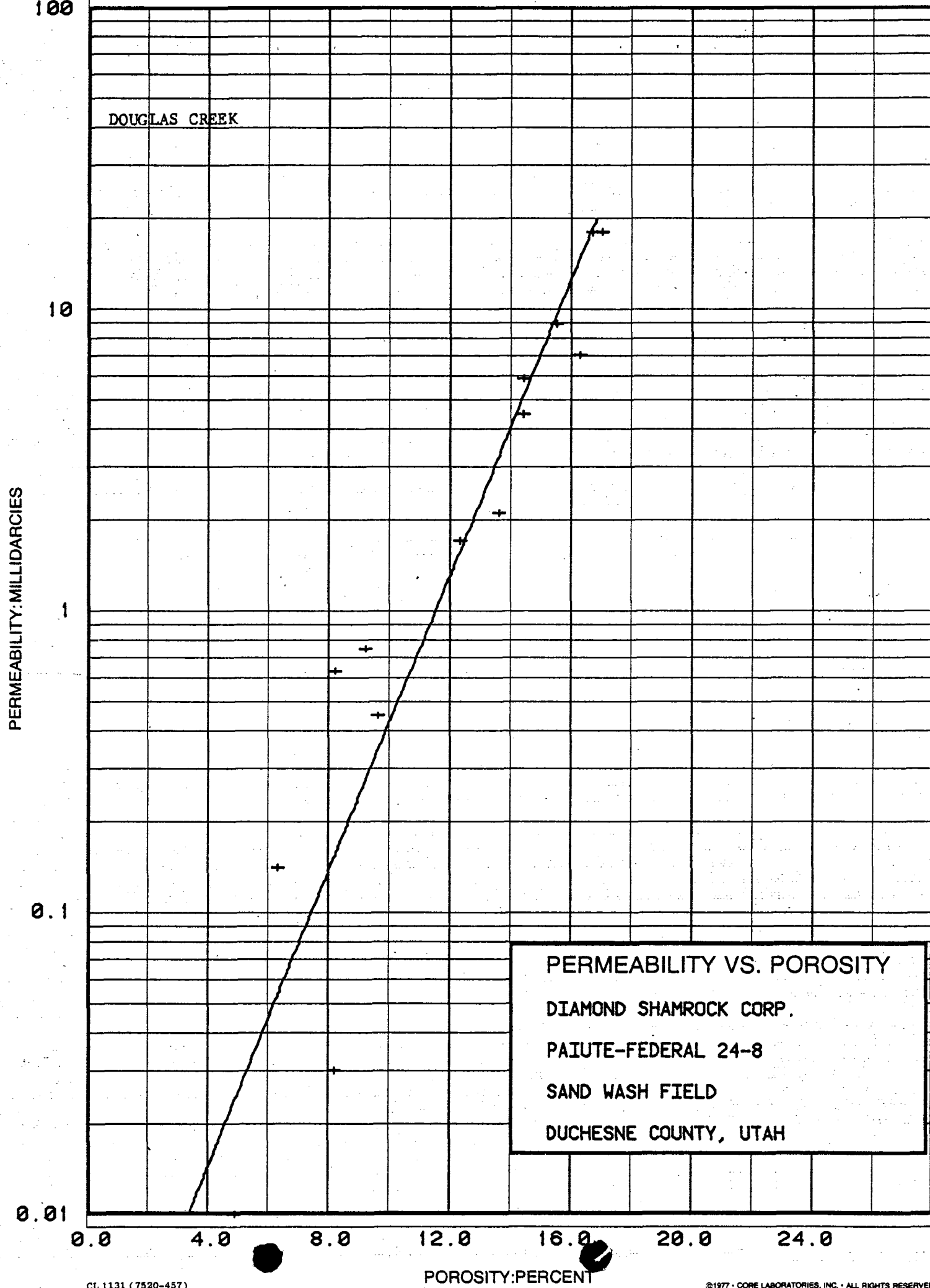
WELL : PAIUTE-FEDERAL 24-8
 COUNTY, STATE: DUCHESNE COUNTY, UTAH

AIR PERMEABILITY : MD - HORIZONTAL (UNCORRECTED FOR SLIPPAGE)
 POROSITY : PERCENT (HELIUM)

DEPTH INTERVAL	RANGE & SYMBOL	PERMEABILITY		POROSITY		POROSITY AVERAGE	PERMEABILITY AVERAGES		
		MINIMUM	MAXIMUM	MIN.	MAX.		ARITHMETIC	HARMONIC	GEOMETRIC
4724.0 - 4739.0	1 (+)	0.010	20.0	0.0	20.0	11.9	4.9	0.09	1.2

EQUATION OF REDUCED LINE RELATING PERMEABILITY(K) TO POROSITY :
 $\text{LOG}(K) = (\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT}$
 $K = \text{ANTILOG}((\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT})$

RANGE	EQUATION OF THE LINE
1	PERM = ANTILOG((0.2453)(POROSITY) + -2.8304)



STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

AIR PERMEABILITY : MD. (HORIZONTAL) RANGE USED 0.010 TO 20.
POROSITY : PERCENT (HELIUM) RANGE USED 0.0 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS : 4724.0 - 4739.0 INTERVAL LENGTH : 15.0
FEET ANALYZED IN ZONE : 14.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

POROSITY AVERAGE	PERMEABILITY AVERAGES		
	ARITHMETIC	HARMONIC	GEOMETRIC
11.9	4.9	0.09	1.2

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

GROUPING BY POROSITY RANGES

POROSITY RANGE	FEET IN RANGE	AVERAGE POROSITY	AVERAGE PERM. (GEOM.) (ARITH)		FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
4.0 - 6.0	1.0	4.9	0.010	0.010	7.1	7.1
6.0 - 8.0	1.0	6.3	0.140	0.140	7.1	14.3
8.0 - 10.0	4.0	8.8	0.283	0.465	28.6	42.9
12.0 - 14.0	2.0	12.9	1.9	1.9	14.3	57.1
14.0 - 16.0	3.0	14.8	6.2	6.5	21.4	78.6
16.0 - 18.0	3.0	16.7	13.	14.	21.4	100.0

TOTAL NUMBER OF FEET = 14.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.) (ARITH)		AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.010 - 0.020	1.0	0.010	0.010	4.9	7.1	7.1
0.020 - 0.039	1.0	0.030	0.030	8.2	7.1	14.3
0.078 - 0.156	1.0	0.140	0.140	6.3	7.1	21.4
0.312 - 0.625	1.0	0.450	0.450	9.6	7.1	28.6
0.625 - 1.250	2.0	0.687	0.690	8.7	14.3	42.9
1.250 - 2.500	2.0	1.9	1.9	12.9	14.3	57.1
2.500 - 5.000	1.0	4.5	4.5	14.4	7.1	64.3
5.- 10.	3.0	7.2	7.3	15.4	21.4	85.7
10.- 20.	2.0	18.	18.	16.9	14.3	100.0

TOTAL NUMBER OF FEET = 14.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

POROSITY-FEET OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	ARITH MEAN	MEDIAN
0.0	0.0	0.0	14.0	100.0	11.9	13.0
2.0	0.0	0.0	14.0	100.0	11.9	13.0
4.0	0.0	0.0	14.0	100.0	11.9	13.0
6.0	1.0	2.9	13.0	97.1	12.4	13.5
8.0	2.0	6.7	12.0	93.3	13.0	14.0
10.0	6.0	27.9	8.0	72.1	15.0	15.3
12.0	6.0	27.9	8.0	72.1	15.0	15.3
14.0	8.0	43.4	6.0	56.6	15.7	16.0
16.0	11.0	70.0	3.0	30.0	16.7	
18.0	14.0	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-FEET = 166.6

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

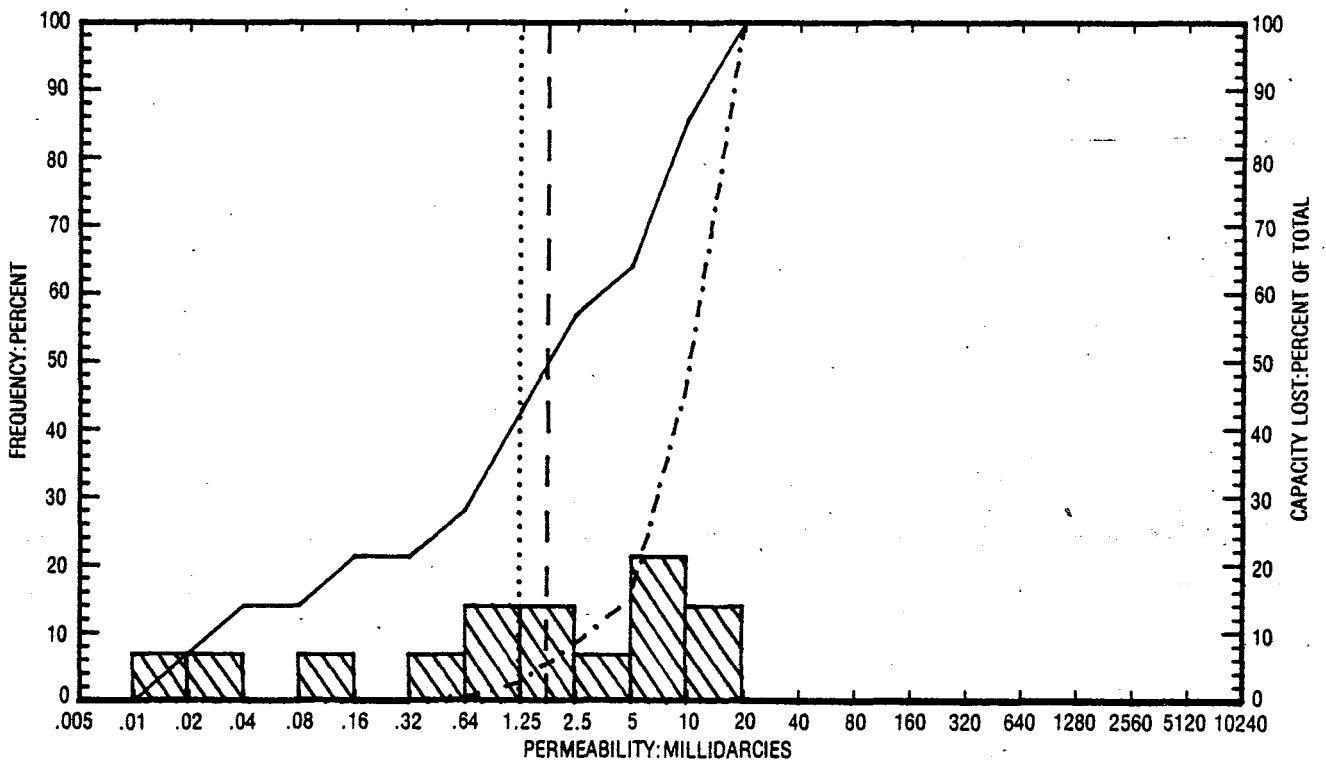
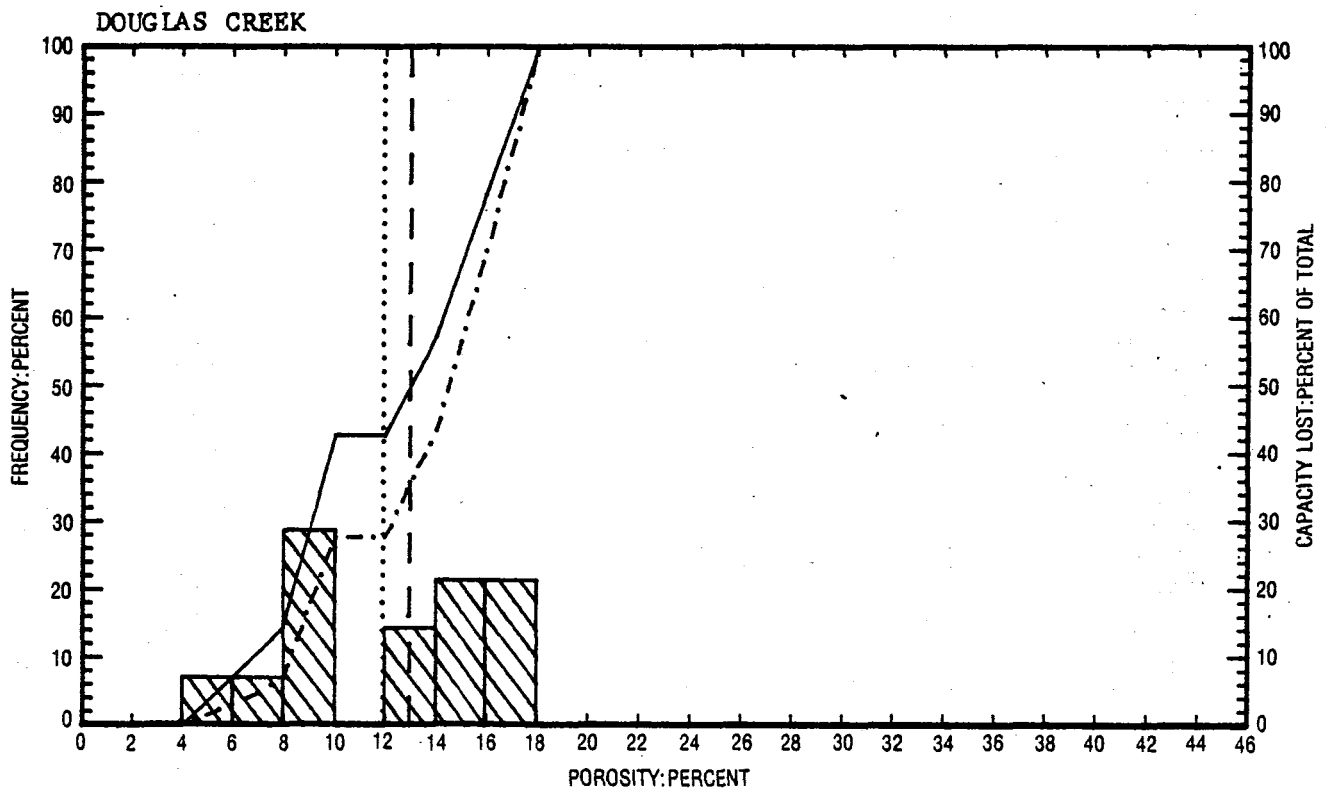
COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
0.005	0.0	0.0	14.0	100.0	1.23	1.77
0.010	0.0	0.0	14.0	100.0	1.50	1.77
0.020	1.0	0.0	13.0	100.0	1.78	2.10
0.039	2.0	0.1	12.0	99.9	2.50	2.50
0.078	2.0	0.1	12.0	99.9	2.50	2.50
0.156	3.0	0.3	11.0	99.7	3.25	3.54
0.312	3.0	0.3	11.0	99.7	3.25	3.54
0.625	4.0	0.9	10.0	99.1	3.95	5.00
1.250	6.0	2.9	8.0	97.1	6.12	6.30
2.500	8.0	8.6	6.0	91.4	9.04	7.94
5.	9.0	15.2	5.0	84.8	10.38	
10.	12.0	47.3	2.0	52.7	18.00	
20.	14.0	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-FEET (ARITHMETIC) = 68.27



PERMEABILITY AND POROSITY HISTOGRAMS

DIAMOND SHAMROCK CORP.
PAIUTE-FEDERAL 24-8
SAND WASH FIELD
DUCHESNE COUNTY, UTAH

LEGEND

ARITHMETIC MEAN POROSITY
GEOMETRIC MEAN PERMEABILITY
MEDIAN VALUE
CUMULATIVE FREQUENCY
CUMULATIVE CAPACITY LOST
.....

**CORE LABORATORIES, INC.****Petroleum Reservoir Engineering**

COMPANY DIAMOND SHAMROCK CORP. FILE NO. 3807-0035
 WELL PAIUTE-FEDERAL 24-8 DATE 2-26-83 ENGRS. R. MOHL
 FIELD SAND WASH FORMATION DOUGLAS CREEK ELEV. 5350 GL
 COUNTY DUCHESNE STATE UTAH DRLG. FLD. WBM CORES

CoRes Log

CORE and RESISTIVITY EVALUATION

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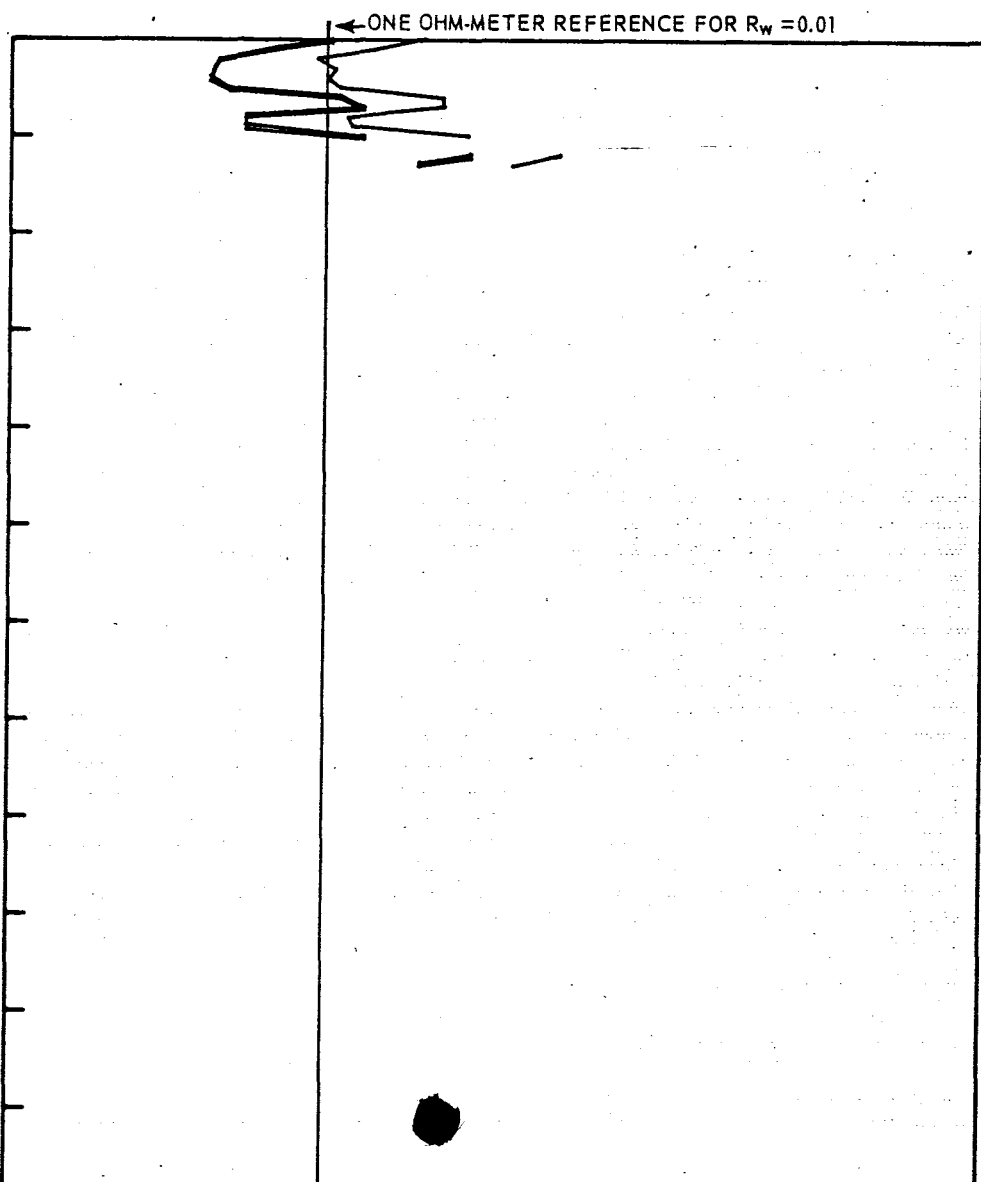
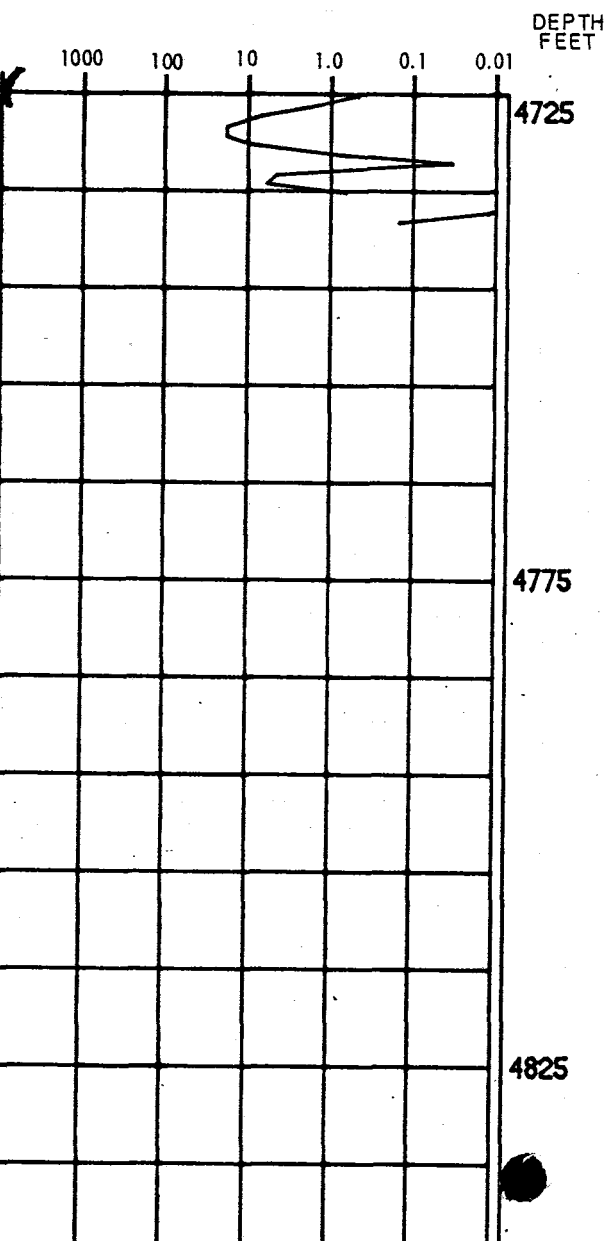
RESISTIVITY PARAMETERS: $a = \underline{1.00}$ $m = \underline{2.00}$ $n = \underline{2.00}$ Depths 4724 to 4739
 $a = \underline{\hspace{1cm}}$ $m = \underline{\hspace{1cm}}$ $n = \underline{\hspace{1cm}}$ Depths to

PERMEABILITY $\times 1$
MILLIDARCIES

CORE ANALYSIS CALCULATED RESISTIVITY

R_0 = OHM-METERS AT 100% S_w

R_{mp} = OHM-METERS AT CRITICAL S_w



CORE LABORATORIES, INC.*Petroleum Reservoir Engineering*COMPANY DIAMOND SHAMROCK CORP.FILE NO. 3807-0035WELL PAIUTE-FEDERAL 24-8DATE 2-26-83FIELD SAND WASHFORMATION DOUGLAS CREEKELEV. 5350 GLCOUNTY DUCHESNE STATE UTAHDRLG. FLD. WBM

CORES _____

LOCATION SE SW SEC. 8 T9S R17E

CORRELATION COREGRAPH

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VERTICAL SCALE: 5" = 100'

Total Water _____

PERCENT PORE SPACE

100 80 60 40 20 0

Oil Saturation _____

PERCENT PORE SPACE

0 0 20 40 60 80 100

Gamma Ray

RADIATION INCREASE →

Permeability $\times .1$

MILLIDARCIES

Porosity _____

PERCENT

100 10 1.0 .1

Depth
Feet 30

20

10

0

0

20

40

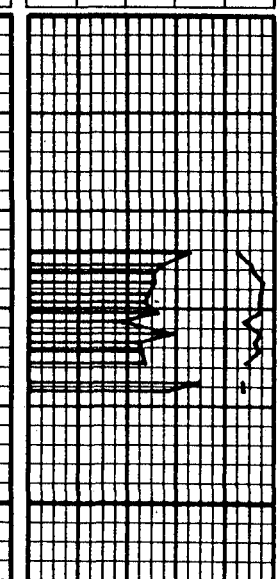
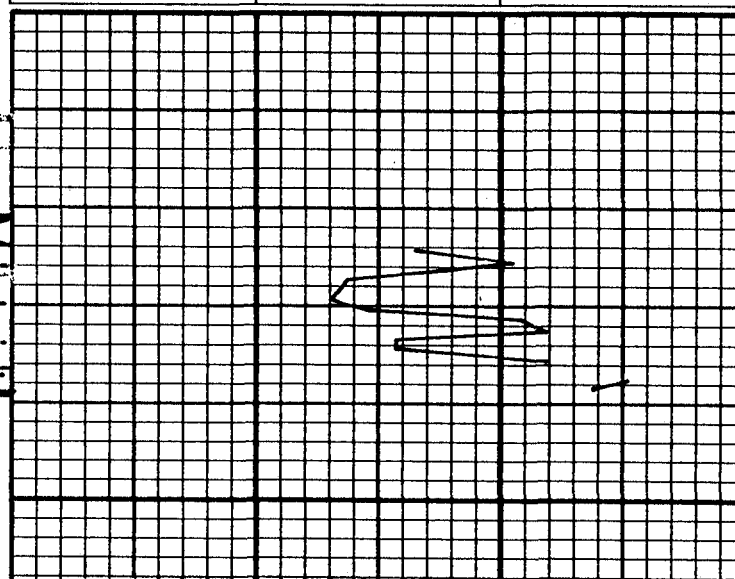
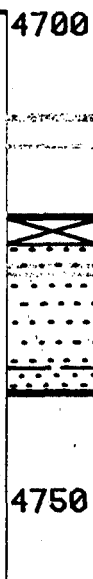
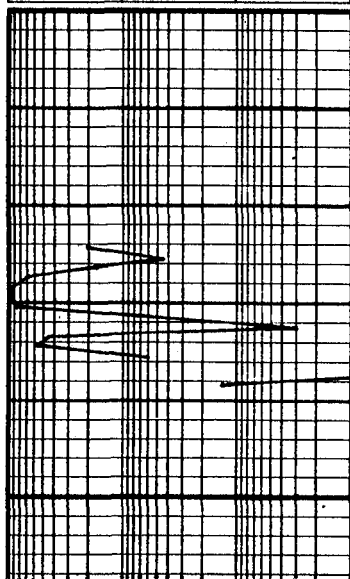
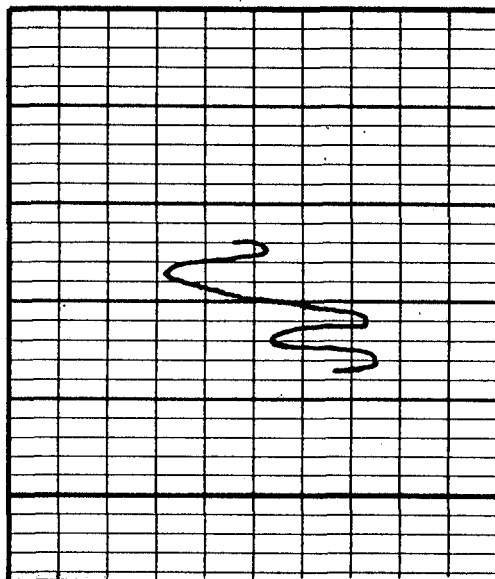
60

80

100

4700

4750



CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PAGE 1

DIAMOND SHAMROCK CORP.
PAIUTE-FEDERAL 24-8
SAND WASH FIELD
DUCHESE COUNTY, UTAH

DATE : 3-1-83
FORMATION : WASATCH
DRLG. FLUID: WBM
LOCATION : SE SW SEC. 8 T9S R17E

FILE NO : 3807-0035
ANALYSTS : R. MOHL
ELEVATION: 5350 GL

CONVENTIONAL ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM K _a MAXIMUM	POR. H _e	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
15	5434.0-35.0	0.28	11.5	46.5	11.6	2.67	SD VFG-FN SL/LMY
16	5435.0-36.0	1.47	11.7	43.9	11.5	2.67	SD FN SL/LMY
17	5436.0-37.0	1.81	13.0	43.2	12.3	2.68	SD FN SL/LMY
18	5437.0-38.0	1.00	7.8	55.3	16.6	2.68	SD FN SL/LMY
19	5438.0-39.0	<0.01	3.2	0.0	88.8	2.71	SD VFG MICA SLTY
	5439.0-41.0						SHALE-NO ANALYSIS
20	5441.0-42.0	0.03	4.4	56.1	17.5	2.67	OVF SD VFG-FN SL/LMY
21	5442.0-43.0	0.06	5.0	51.8	24.2	2.67	OVF SD VFG-FN SL/LMY
22	5443.0-44.0	0.08	4.7	49.9	23.3	2.67	OVF SD VFG-FN SL/LMY
23	5444.0-45.0	<0.01	2.8	0.0	83.5	2.70	SD VFG SL/LMY SLTY
24	5445.0-46.0	<0.01	2.7	0.0	90.9	2.71	SD VFG SL/LMY SLTY
25	5446.0-47.0	<0.01	2.1	0.0	72.5	2.71	SD VFG LMY SLTY
	5447.0-52.0						SHALE-NO ANALYSIS
	5452.0-54.0						LOST CORE
	5454.0-63.0						SHALE- NO ANALYSIS
26	5463.0-64.0	<0.01	3.0	0.0	94.6	2.70	SD VFG LMY SLTY
27	5464.0-65.0	<0.01	3.2	0.0	85.4	2.69	SD VFG LMY SLTY
	5465.0-72.0						SHALE-NO ANALYSIS
28	5472.0-73.0	<0.01	3.7	0.0	82.0	2.72	SD VFG-FN LMY S & P
29	5473.0-74.0	0.03	4.4	0.0	48.3	2.66	OVF SD FN-MED LMY S & P
30	5474.0-75.0	0.05	5.9	0.0	48.9	2.67	OVF SD FN-MED LMY S & P MICA
31	5475.0-76.0	0.13	6.1	0.0	51.0	2.67	OVF SD FN-MED LMY S & P MICA
32	5476.0-77.0	0.02	5.6	0.0	82.7	2.69	OVF SD FN-MED LMY S & P MICA
33	5477.0-78.0	<0.01	3.9	0.0	82.5	2.70	OVF SD VFG-FN LMY S & P
	5478.0-80.0						SHALE-NO ANALYSIS
	5480.0-84.0						LOST CORE

OVF=OPEN VERTICAL FRACTURE

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

DIAMOND SHAMROCK CORP.
PAIUTE-FEDERAL 24-8

DATE : 3-1-83
FORMATION : WASATCH

FILE NO. : 3807-0035
ANALYSTS : R. MOHL

*** CORE SUMMARY AVERAGES FOR 1 ZONE ***

DEPTH INTERVAL: 5434.0 TO 5478.0

FEET OF CORE ANALYZED : 19.0 FEET OF CORE INCLUDED IN AVERAGES: 19.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --

PERMEABILITY HORIZONTAL RANGE (MD.)	:	0.00 TO	2.0	(UNCORRECTED FOR SLIPPAGE)
HELIUM POROSITY RANGE (%)	:	0.0 TO	100.0	
OIL SATURATION RANGE (%)	:	0.0 TO	100.0	
WATER SATURATION RANGE (%)	:	0.0 TO	100.0	

SHALE SAMPLES EXCLUDED FROM AVERAGES.

AVERAGES FOR DEPTH INTERVAL: 5434.0 TO 5478.0

AVERAGE PERMEABILITY (MILLIDARCIES)

ARITHMETIC PERMEABILITY	:	0.26
GEOMETRIC PERMEABILITY	:	0.03
HARMONIC PERMEABILITY	:	0.01

PRODUCTIVE CAPACITY (MILLIDARCY-FEET)

ARITHMETIC CAPACITY	:	5.0
GEOMETRIC CAPACITY	:	0.59
HARMONIC CAPACITY	:	0.15

AVERAGE POROSITY (PERCENT) : 5.5

AVERAGE TOTAL WATER SATURATION : 40.5
(PERCENT OF PORE SPACE)

AVERAGE RESIDUAL OIL SATURATION : 26.6
(PERCENT OF PORE SPACE)

AVERAGE CONNATE WATER SATURATION ** :
(PERCENT OF PORE SPACE)

** ESTIMATED FROM TOTAL
WATER SATURATION.

PERMEABILITY VS POROSITY

COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

AIR PERMEABILITY : MD - HORIZONTAL (UNCORRECTED FOR SLIPPAGE)
POROSITY : PERCENT (HELIUM)

DEPTH INTERVAL	RANGE & SYMBOL	PERMEABILITY		POROSITY		POROSITY AVERAGE	PERMEABILITY AVERAGES		
		MINIMUM	MAXIMUM	MIN.	MAX.		ARITHMETIC	HARMONIC	GEOMETRIC
5434.0 - 5478.0	1 (+)	0.001	2.0	0.0	15.0	5.5	0.26	0.01	0.03

EQUATION OF REDUCED LINE RELATING PERMEABILITY(K) TO POROSITY :
 $\text{LOG}(K) = (\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT}$
 $K = \text{ANTILOG}((\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT})$

RANGE	EQUATION OF THE LINE
1	PERM = ANTILOG((0.2961)(POROSITY) + -3.1375)

WASATCH

PERMEABILITY:MILLIDARCIES

0.001

0.01

0.1

1

0.0

4.0

8.0

12.0

16.0

20.0

24.0

POROSITY:PERCENT

PERMEABILITY VS. POROSITY
DIAMOND SHAMROCK CORP.
PAIUTE-FEDERAL 24-8
SAND WASH FIELD
DUCHESNE COUNTY, UTAH

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

AIR PERMEABILITY : MD. (HORIZONTAL) RANGE USED 0.001 TO 2.
POROSITY : PERCENT (HELIUM) RANGE USED 0.0 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS : 5434.0 - 5478.0 INTERVAL LENGTH : 44.0
FEET ANALYZED IN ZONE : 19.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

POROSITY AVERAGE	PERMEABILITY AVERAGES		
	ARITHMETIC	HARMONIC	GEOMETRIC
5.5	0.26	0.01	0.03

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : FAUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

GROUPING BY POROSITY RANGES

POROSITY RANGE	FEET IN RANGE	AVERAGE POROSITY	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
2.0 - 4.0	8.0	3.1	0.006	0.006	42.1	42.1
4.0 - 6.0	6.0	5.0	0.040	0.045	31.6	73.7
6.0 - 8.0	2.0	6.9	0.361	0.565	10.5	84.2
10.0 - 12.0	2.0	11.6	0.642	0.875	10.5	94.7
12.0 - 14.0	1.0	13.0	1.8	1.8	5.3	100.0

TOTAL NUMBER OF FEET = 19.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.005 - 0.010	8.0	0.006	0.006	3.1	42.1	42.1
0.020 - 0.039	3.0	0.026	0.027	4.8	15.8	57.9
0.039 - 0.078	2.0	0.055	0.055	5.4	10.5	68.4
0.078 - 0.156	2.0	0.102	0.105	5.4	10.5	78.9
0.156 - 0.312	1.0	0.280	0.280	11.5	5.3	84.2
0.625 - 1.250	1.0	1.0	1.0	7.8	5.3	89.5
1.250 - 2.500	2.0	1.6	1.6	12.4	10.5	100.0

TOTAL NUMBER OF FEET = 19.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: DIAMOND SHAMROCK CORP.
FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
COUNTY, STATE: DUCHESNE COUNTY, UTAH

POROSITY-FEET OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	ARITH MEAN	MEDIAN
0.0	0.0	0.0	19.0	100.0	5.5	4.5
2.0	0.0	0.0	19.0	100.0	5.5	4.5
4.0	8.0	23.5	11.0	76.5	7.3	
6.0	14.0	52.1	5.0	47.9	10.0	10.5
8.0	16.0	65.4	3.0	34.6	12.1	
10.0	16.0	65.4	3.0	34.6	12.1	
12.0	18.0	87.6	1.0	12.4	13.0	
14.0	19.0	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-FEET = 104.7

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

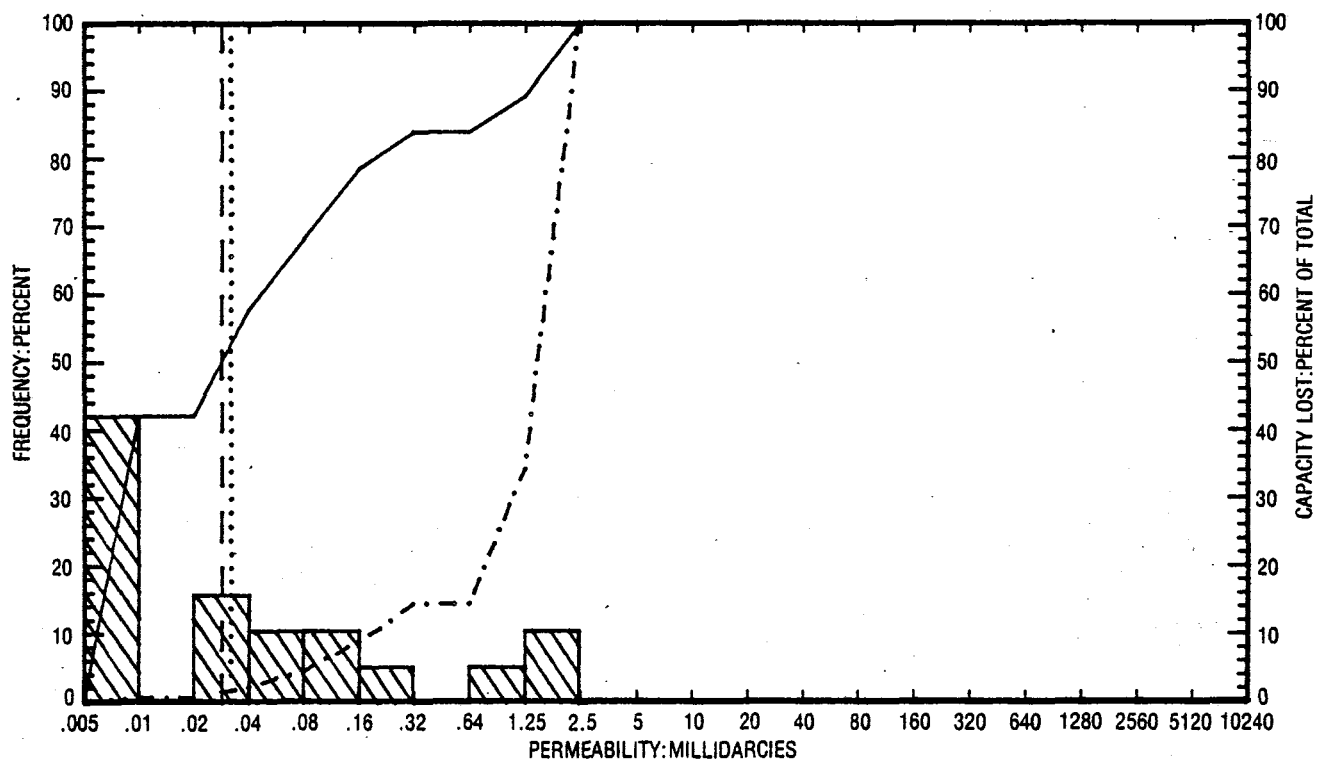
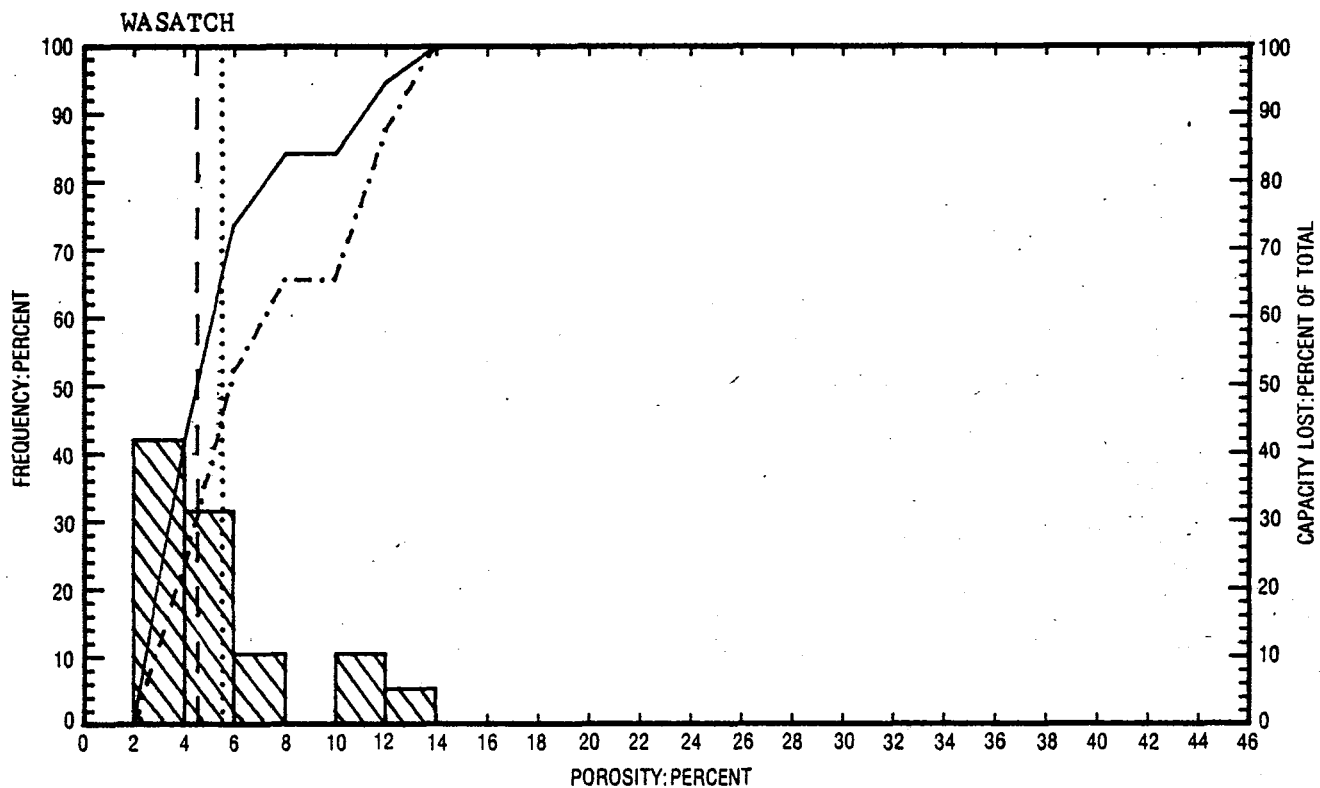
COMPANY: DIAMOND SHAMROCK CORP.
 FIELD : SAND WASH FIELD

WELL : PAIUTE-FEDERAL 24-8
 COUNTY, STATE: DUCHESNE COUNTY, UTAH

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
-----	-----	-----	-----	-----	-----	-----
0.005	0.0	0.0	19.0	100.0	0.03	0.03
0.010	8.0	0.9	11.0	99.1	0.14	0.09
0.020	8.0	0.9	11.0	99.1	0.14	0.09
0.039	11.0	2.5	8.0	97.5	0.26	0.16
0.078	13.0	4.7	6.0	95.3	0.44	0.31
0.156	15.0	9.0	4.0	91.0	0.93	1.25
0.312	16.0	14.6	3.0	85.4	1.39	1.49
0.625	16.0	14.6	3.0	85.4	1.39	1.49
1.250	17.0	34.6	2.0	65.4	1.63	
2.	19.0	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-FEET (ARITHMETIC) = 5.00

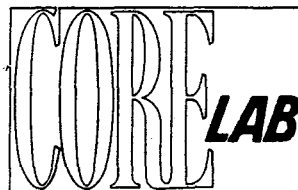


PERMEABILITY AND POROSITY HISTOGRAMS

DIAMOND SHAMROCK CORP.
 PAIUTE-FEDERAL 24-8
 SAND WASH FIELD
 DUCHESNE COUNTY, UTAH

LEGEND

ARITHMETIC MEAN POROSITY
GEOMETRIC MEAN PERMEABILITY
MEDIAN VALUE	-----
CUMULATIVE FREQUENCY	————
CUMULATIVE CAPACITY LOST	- - - - -

**CORE LABORATORIES, INC.****Petroleum Reservoir Engineering**

COMPANY DIAMOND SHAMROCK CORP. FILE NO. 3807-0035
 WELL PAIUTE-FEDERAL 24-8 DATE 3-1-83 ENGRS. R. MOHL
 FIELD SAND WASH FORMATION WASATCH ELEV. 5350 GL
 COUNTY DUCHESNE STATE UTAH DRLG. FLD. WBM CORES _____

CoRes Log

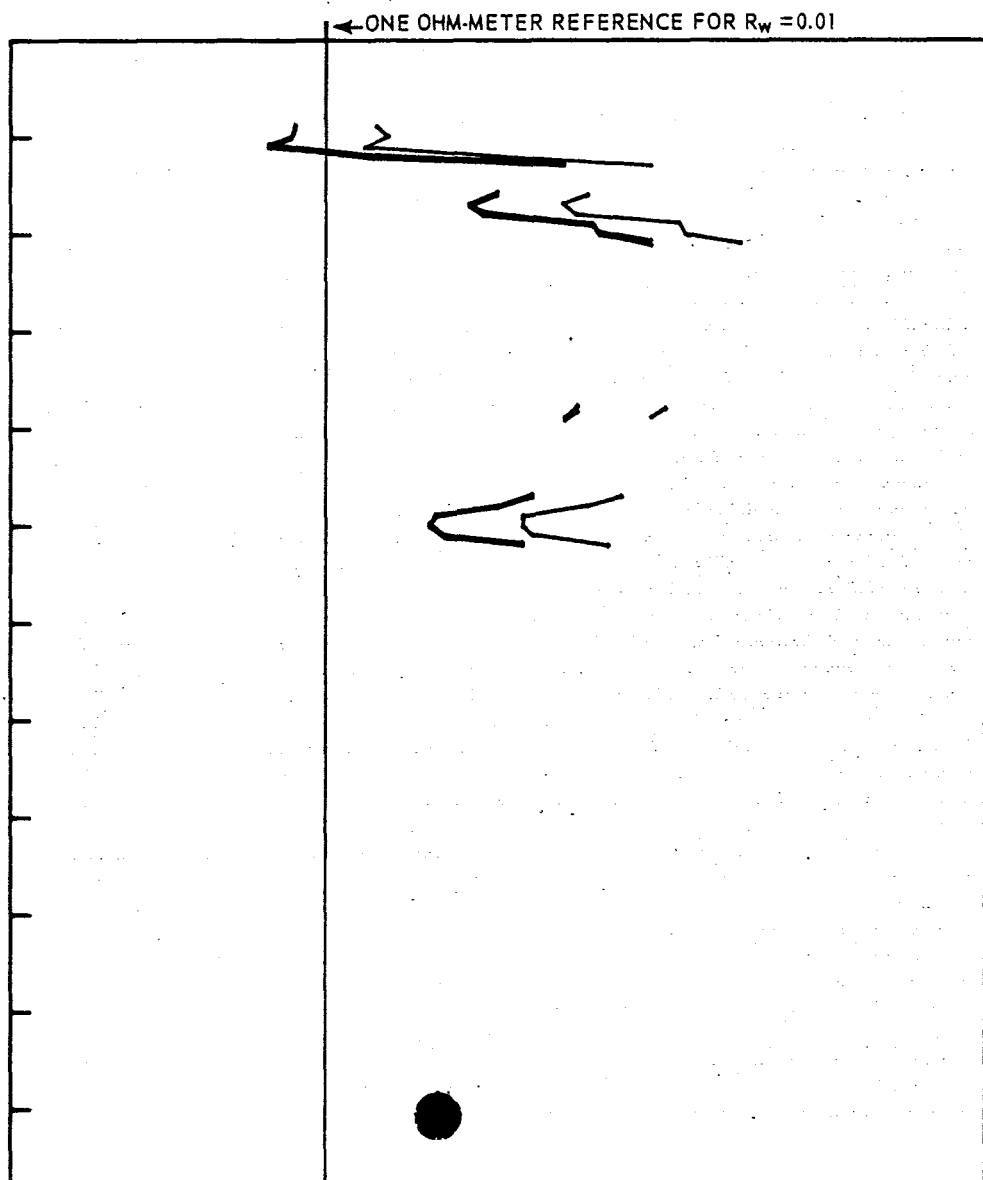
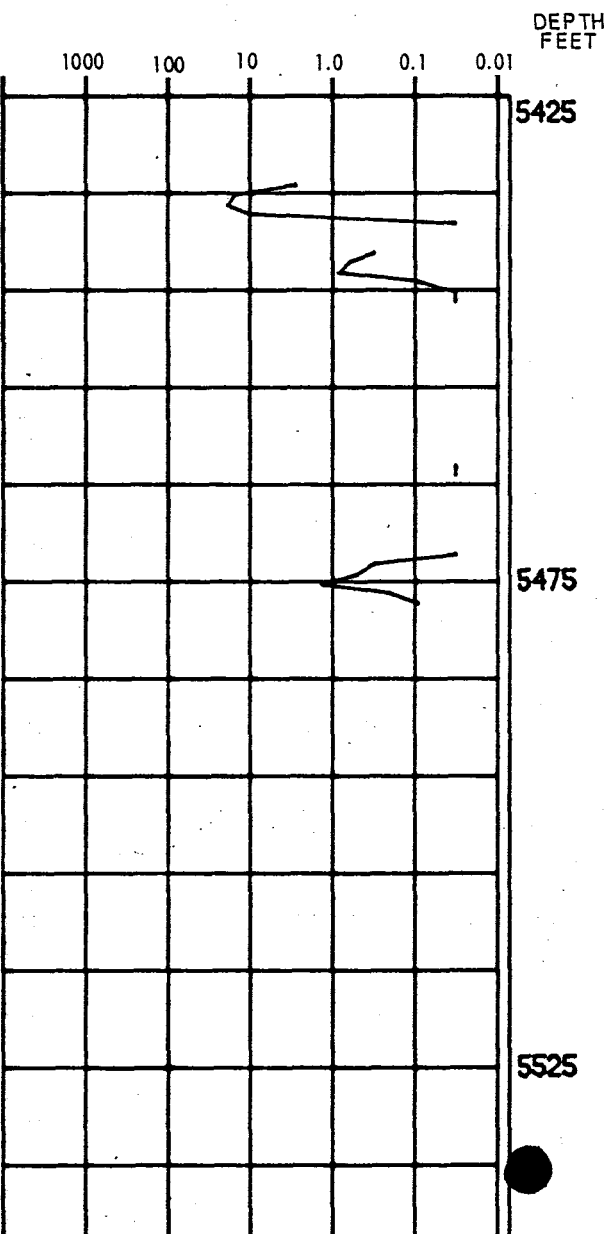
CORE and RESISTIVITY EVALUATION

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted) but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty of representations as to the productivity, proven operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

RESISTIVITY PARAMETERS: $a = 1.00$ $m = 2.00$ $n = 2.00$ Depths 5434 to 5478
 $a =$ $m =$ $n =$ Depths to

PERMEABILITY $\times .1$
 MILLIDARCIES

CORE ANALYSIS CALCULATED RESISTIVITY
 R_o = OHM-METERS AT 100% S_w _____

 R_{mp} = OHM-METERS AT CRITICAL S_w _____


CORE LABORATORIES, INC.*Petroleum Reservoir Engineering*COMPANY **DIAMOND SHAMROCK CORP.**FILE NO. **3807-0035**WELL **PAIUTE-FEDERAL 24-8**DATE **3-1-83**FIELD **SAND WASH**FORMATION **WASATCH**ELEV. **5350 GL**COUNTY **DUCHESNE** STATE **UTAH**DRLG. FLD. **WBM**

CORES _____

LOCATION **SE SW SEC. 8 T9S R17E*****CORRELATION COREGRAPH***

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VERTICAL SCALE: 5" = 100'

Total Water _____

PERCENT PORE SPACE

100 80 60 40 20 0

Gamma Ray

RADIATION INCREASE →

Permeability x .1

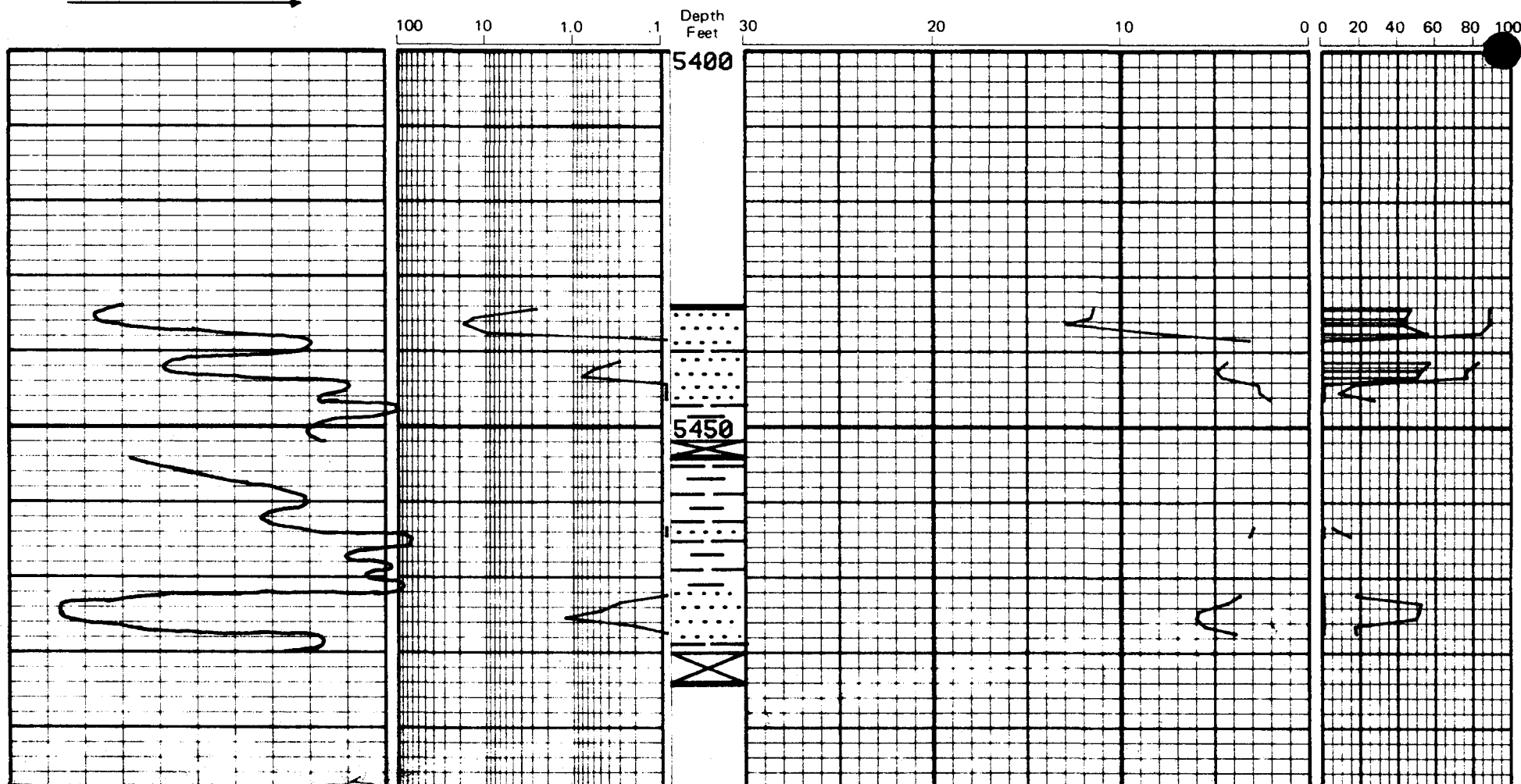
MILLIDARCIES

Porosity _____

PERCENT

Oil Saturation ☐

PERCENT PORE SPACE



7

NOTICE OF SPUD

Company: Diamond Shamrock

Caller: Jim Pachulski

Phone: _____

Well Number: 24-8

Location: SESW 8-9S-17E

County: Duchesne State: Utah

Lease Number: U-7978

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 2-18-83 3:45 A.M.

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" hole

will be pressure testing & drilling
from under surface pipe —

estimated time 12:00 A.M. to 6:00 A.M.

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: KR

Date: 2-18-83

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT **TRIPPLICATE***
 (Other instructions on
 reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-7978	
2. NAME OF OPERATOR Diamond Shamrock Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 5730 West Yellowstone Hwy., Casper, Wyoming 82604		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2055' FWL, 591' FSL SE/SW		8. FARM OR LEASE NAME Paiute Federal	
14. PERMIT NO. 43-013-30675		9. WELL NO. 24-8	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5350' GR.		10. FIELD AND POOL, OR WILDCAT Field	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T9S, R17E	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Spud 3:45 A.M. 2-18-83. Rig T.W.T. #6. Drill 12 1/4" hole to 268' KB and set 273' 8 5/8", 24#, K-55 Casing, cemented with 195 sxs. cement.		12. COUNTY OR PARISH Duchesne	
13. STATE Utah		18. STATE Utah	

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/> Spud	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spud 3:45 A.M. 2-18-83. Rig T.W.T. #6.
 Drill 12 1/4" hole to 268' KB and set 273' 8 5/8", 24#, K-55 Casing, cemented with 195 sxs. cement.

RECEIVED
 FEB 24 1983
 DIVISION OF
 OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED James M. Lachar

TITLE Environment & Regulation Eng. DATE February 22, 1983

(This space for Federal or State office use)

APPROVED BY _____
 CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-7978

Communitization Agreement No. - - - -

Field Name Field Monument Butte

Unit Name - - - - -

Participating Area - - - - -

County Duchesne State Utah

Operator Diamond Shamrock Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of February, 1983

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
24-8	8	9S	17E	DRLG.					Paiute Federal 24-8 43-013-30675
					2-18	BURT. Spud.			
					2-19	DRLG. to 268' KB. Run 9 5/8", 36#, K-55 casing. Set @ 268' KB. Cement w/195 sxs.			
					2-20 thru 2-25	DRLG. to 4721'. Core to 4739'. WO fishing tools.			

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: 

Address: 5730 W. Yellowstone Hwy., Casper, Wyoming

Title: Asst. Drlg. Supt.

Page _____ of _____

MONTHLY REPORT
OF
OPERATIONS

Communitization Agreement No. MA#
Field Name Field
Unit Name ---
Participating Area ---
County Duchesne State Utah
Operator Diamond Shamrock Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
24-8	8	9S	17E	DRLG.					Paiute Federal 24-8
					2-26	Fish.			
					2-27 thru 2-28	Drlg. to 5434'.			
					3-01	Core to 5484'.			
					3-02 thru 3-03	Drlg. to 5991' & log.			
					3-04	Log. RIH.			
					3-05	Lay down drill pipe. Run 5 1/2", 15.5#, K-55 Casing. Set @ 5991' KB. Cement w/660 sxs. Rig released.			
					3-06 thru 3-15	WOCT.			
					3-16	RUCT & pick up tubing.			
					3-17	POOH. Run OBL-VDL.			
					3-18	Perf. 5414' - 5442' (57 holes). Frac w/893 bbl. Gel & 72.5K# sand.			
					3-19	RIH & swab.			
					3-20	RIH w/rods & Pump Test.			
					3-21 thru 3-25	Pump Test.			

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced			
*Sold			XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: 5730 W. Yellowstone Hwy., Casper, WY

Title: Asst. Drlg. Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-7978

Communitization Agreement No. - - - - -

Field Name Field

Unit Name - - - - -

Participating Area - - - - -

County Duchesne State Utah

Operator Diamond Shamrock Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
24-8	8	9S	17E	DRLG.					Paiute Federal 24-8
					3-26 -	4-6 Pump test.			
					4-7	RUCT. POOH.			
					4-8	Perf. 4713' to 4740' (55 holes). Set B.P. @ 4905'. Frac w/ 714 bbl. Gel & 65K# sand.			
					4-9	TIH w/ TBG. & landed @ 4691'. Swab test. Put on pump test.			
					4-10 -	4-25 Pump test.			

RECEIVED
MAY 04 1983
DIVISION OF
OIL GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced			
*Sold			XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: 5730 W. Yellowstone Hwy., Casper, WY
Title: Asst. Dist. Drlg. Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 8-329 Rev. Feb 76
OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-7978

Communitization Agreement No. - - - - -

Field Name Field

Unit Name - - - - -

Participating Area - - - - -

County Duchesne

State Utah

Operator Diamond Shamrock Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
May, 1983

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
24-8	8	9S	17E	DRLG.					Paute Federal 24-8
					4-26	RUCT. POOH. RIH Retrieve B.P. POOH.			
					4-27	Perf. 4619' - 4630' (23 holes). RIH w/Pkr. & frac w/297 bbl. Gel & 19.9K# sand.			
					4-28	POOH. RIH. Circ. out sand. Swab.			
					4-29	RIH w/pump & rods. Release rig.			
					4-30	thru 5-6 - Pump test.			
					5-7	RUCT. POOH. RIH & retrieve B.P. POOH.			
					5-8	Perf. 4026' - 4056' (63 holes) 4077' - 4086' (19 holes) 4106' - 4111' (11 holes) w/ 1571 bbl. Gel & 151K# sand.			
					5-9	Flow back. RIH.			
					5-10	Swab. RIH w/pump & rods. Rig released.			
					5-11	thru 5-25 Pump test..			

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced			
*Sold			XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXXXXX

Authorized Signature: 

Address: 5730 W. Yellowstone, Casper, WY

Title: Asst. Dist. Drlg. Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-7978

Communitization Agreement No. _____
Field Name Field
Unit Name _____
Participating Area _____
County Duchesne State Utah
Operator Diamond Shamrock Corporation

☐ Amended Report

JUL 5 1983

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
June, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
24-8	8	9S	17E	DRLG.					Paiute Federal 24-8
<div style="position: absolute; top: 440px; left: 60px; font-size: 40px; opacity: 0.5;">RECEIVED</div> <div style="position: absolute; top: 500px; left: 130px;">JUL 05 1983</div> <div style="position: absolute; top: 540px; left: 90px;">DIVISION OF OIL, GAS & MINING</div>					5-26 thru 6-2	Pump test.			
					6-3	RUCT. POOH			
					6-4	Shut down.			
					6-5	RIH & recover B.P.			
					6-7	Perf. 3762' - 3769' (28 holes) RIH with B.P.			
					6-8	Swab. POOH & Squeeze with 50 sxs.			
					6-9	RIH & Drlg. out cement			
					6-10	Drilling cement.. RIH & recover B.P.			
					6-11	POOH. RIH with Peoduction Ass'y.			
					6-12	Run rods.			
					6-13	Run rods. Rig released. Turned to production.			

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate
(BBLs)

Gas
(MCF)

Water
(BBLs)

*On hand, Start of Month
*Produced
*Sold
*Spilled or Lost
*Flared or Vented
*Used on Lease
*Injected
*Surface Pits
*Other (Identify)
*On hand, End of Month
*API Gravity/BTU Content

_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
_____	XXXXXXXXXXXXXXXXXXXX	_____
XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: _____

Address: 5730 West Yellowstone Hwy.
Casper, Wyoming 82604

Title: Asst. Dist. Drlg. Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR

5730 West Yellowstone Hwy., Casper, Wyoming 82404

4. LOCATION OF WELL (Report location clearly and in accordance with and to the requirements)

At surface 2055' FSL, 591 FSL SE/SW

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-30675

DATE

7-1-82

5. LEASE DESIGNATION AND SERIAL NO.
U-7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Paiute Federal
WELL NO.

24-8

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 8, T9S, R17E

12. COUNTY OR
PARISH

Duchesne

13. STATE

Utah

15. DATE SPUDDED

2-18-83

16. DATE T.D. REACHED

3-5-83

17. DATE COMPL. (Ready to prod.)

7-5-83

18. ELEVATIONS (DF, REB, RT, GR, ETC.) *

5350' GR.

19. ELEV. CASINGHEAD

5350'

20. TOTAL DEPTH, MD & TVD

5991'

21. PLUG, BACK T.D., MD & TVD

5946'

22. IF MULTIPLE COMPL.,
HOW MANY *23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

10' - 5991'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *

4025' - 4056' 4713' - 4740'

4619' - 4630' 5414' - 5442' Green River

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-SFL, FDL-CNL, Sonic, OBL-VDL

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	268'	13 1/2"	195 SXS.	-0-
5 1/2"	15.5#	5991'	7 7/8"	660 SXS.	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	4824'	NA

31. PERFORATION RECORD (Interval, size and number)

5414' - 5442'	.48	57 holes
4713' - 4740'	.48	55 holes
4619' - 4630	.48	23 holes
4025' - 4056'	.48	63 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5414' - 5442'	893 bbl. Gel. 72.5K# sand
4713' - 4740'	714 bbl. Gel. 65K# sand
4619' - 4630'	297 bbl. Gel. 19.9K# sand
4025' - 4056'	1571 bbl. Gel. 151K# sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-5-83		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-4-83	24		→	129	38	40	295:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
- - - - -	- - - - -	→	129	38	40	30	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Russ Ivie

35. LIST OF ATTACHMENTS

Core Lab Core Analysis

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Asst. Dist. Drlg. Supt.

DATE July 6, 1983

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Lower Black Shale	5799'	
				Wasatch	5396'	
				Upper Black Shale	5171'	
				Douglas Creek	4534'	
				Garden Gulch	3554'	
				Base Oil Shale	2807'	
				Horsebench	2150'	
				Top Oil Shale	1456'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
DIAMOND SHAMROCK EXPLORATION COMPANY
3. ADDRESS OF OPERATOR
P. O. DRAWER "E", VERNAL, UTAH 84078
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: N/A
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>

(other) Request permission to lay surface gas lines

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to lay a 3 1/2" welded steel surface gas line and a 2" polyethylene surface gas line from the Paiute Federal 24-8 location to our new Monument Butte Gas Plant (see attached Topo map).

The 3 1/2" steel line will carry wet casinghead gas from DIAMOND SHAMROCK operated wells within Federal Leases U-7978 & U-3563A to the Monument Butte Plant for processing and sale.

The 2" polyethylene line will return dry processed gas from the Monument Butte Plant to individual wells for use as fuel for surface equipment.

A right-of-way for the laying of these lines was granted on October 5, 1983 by the BLM.

The laying of these lines will allow DIAMOND SHAMROCK to:

1. Process and sell wet casinghead gas currently being vented from these wells and (see attachment)

Subsurface Safety Valve: Manuf. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

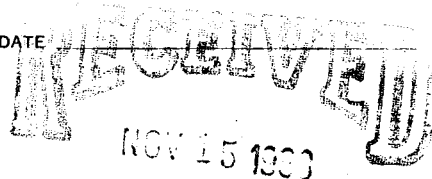
SIGNED Jeff H. Ronk TITLE Production Eng. DATE 11-14-83

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____



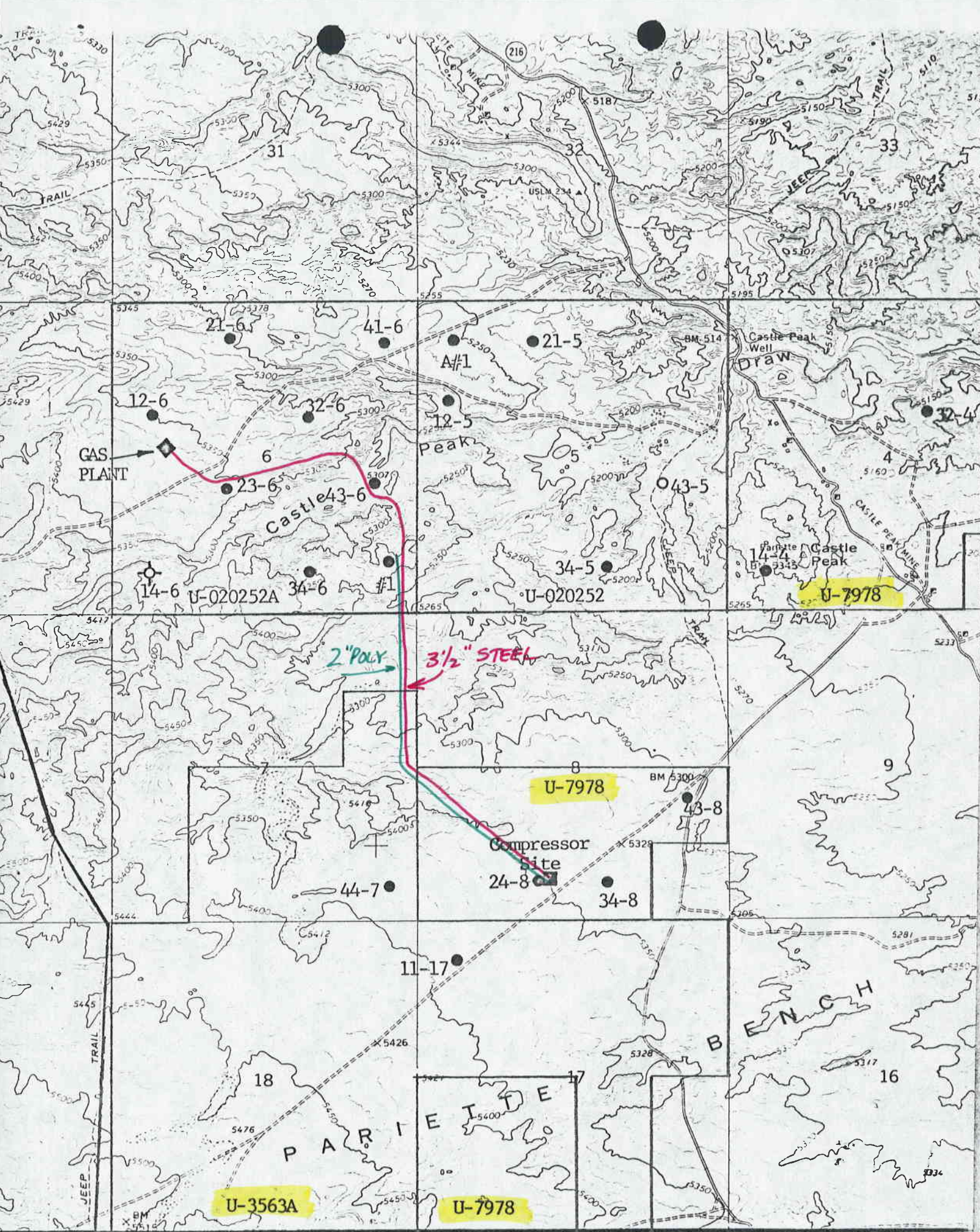
*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

SUNDRY NOTICE ATTACHMENT
FEDERAL LEASES U-7978 & U-3563A

2. Return reliable dry fuel gas to locations and reduce downtime attributable to condensation of liquids in existing surface fuel gas lines.

These lines will be cased, buried and marked at road crossings and will not create a surface disturbance.



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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYDIVISION OF
SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other2. NAME OF OPERATOR
DIAMOND SHAMROCK EXPLORATION COMPANY3. ADDRESS OF OPERATOR
P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: N/A
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) LAY SURFACE GAS LINES		

5. LEASE
U-7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
PAIUTE FEDERAL9. WELL NO.
14-4, 24-8, 34-8, 32-410. FIELD OR WILDCAT NAME
MONUMENT BUTTE FIELD11. SEC., T., R., M., OR BLK. AND SURVEY OR
AREA

SEC. 4 & 8, T9S, R17E

12. COUNTY OR PARISH 13. STATE

DUCHESNE UTAH

14. API NO.

N/A

15. ELEVATIONS (SHOW DF, KDB, AND WD)

N/A

(NOTE: Report results of multiple completion or zone
change on Form 9-330.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates,
including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and
measured and true vertical depths for all markers and zones pertinent to this work.)*DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to lay a surface wet gas
gathering system and a surface dry gas distribution system for Diamond Shamrock
operated oil wells within Federal Lease U-7978.The wet gas lines will be 2" plastic and 3" polyethylene pipe and will connect wells
within Federal Lease U-7978 to a 3 1/2" steel pipeline from the Paiute Federal 24-8
to the Monument Butte Gas Plant.The dry gas distribution system will be 1" and 2" polyethylene pipe and will return
reliable dry gas to individual well locations where it will be used to fuel surface
equipment.The laying of these lines will allow Diamond Shamrock to: 1) process and sell wet
casinghead gas currently being vented, and, 2) reduce the amount of downtime caused by
the condensation of liquids in the existing surface fuel gas lines.These lines will follow lease and access roads wherever possible, will be buried and
marked at road crossings, and will not create a surface disturbance.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

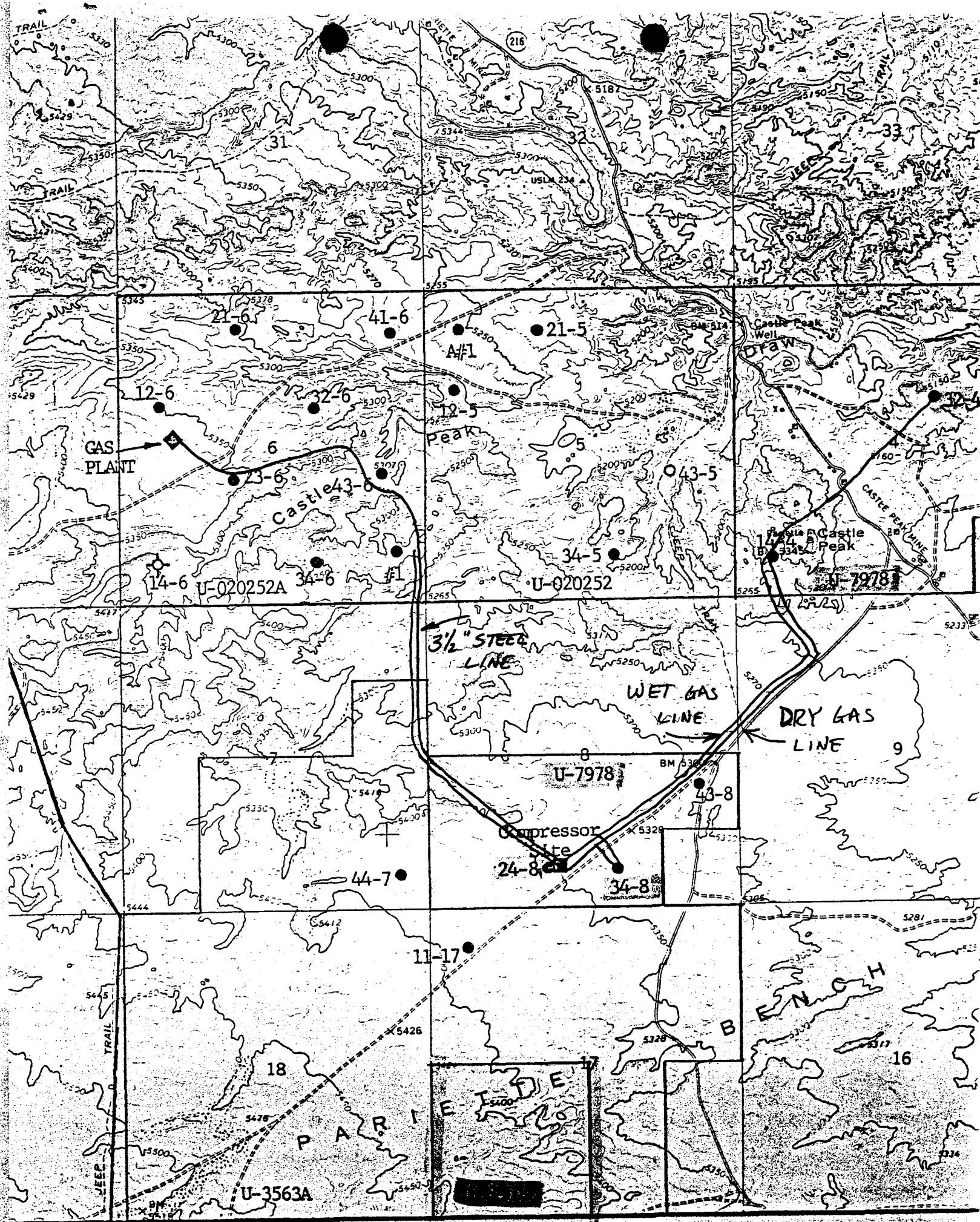
18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE District Engineer DATE 11-15-83

Jeffrey R. Bonk

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

PAIUTE FEDERAL

9. WELL NO.

24-8

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE FIELD

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEC. 8, T9S, R17E

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER **INSTALL A COMPRESSOR AT WELLSITE**

2. NAME OF OPERATOR
DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2055' FWL & 591' FSL (SE/SE)

14. PERMIT NO.

43-013-30675

15. ELEVATIONS (Show whether DF, ET, GR, etc.)

5350' GR

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to set a natural gas compressor and liquid storage tank on the northeast corner of the existing pad of the Paiute Federal 24-8 location.

This compressor will compress low pressure gas from Federal Leases U-7978 and U-3563A and discharge into the existing 3 1/2" steel line running from this location to the Monument Butte Gas Plant.

The storage tank will be set on this location so free liquids can be collected from the suction scrubber on the compressor.

This installation will allow DIAMOND SHAMROCK EXPLORATION COMPANY to compress, transport, process and sell casinghead gas from U-7978 and U-3563A that would otherwise be vented due to lack of capacity in existing compressors.

This installation will not create a surface disturbance.

RECEIVED

JUN 1 1984

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Jeff H. Bonk

TITLE **Production Engineer**

DATE **May 30, 1984**

(This space for Federal or State office use)

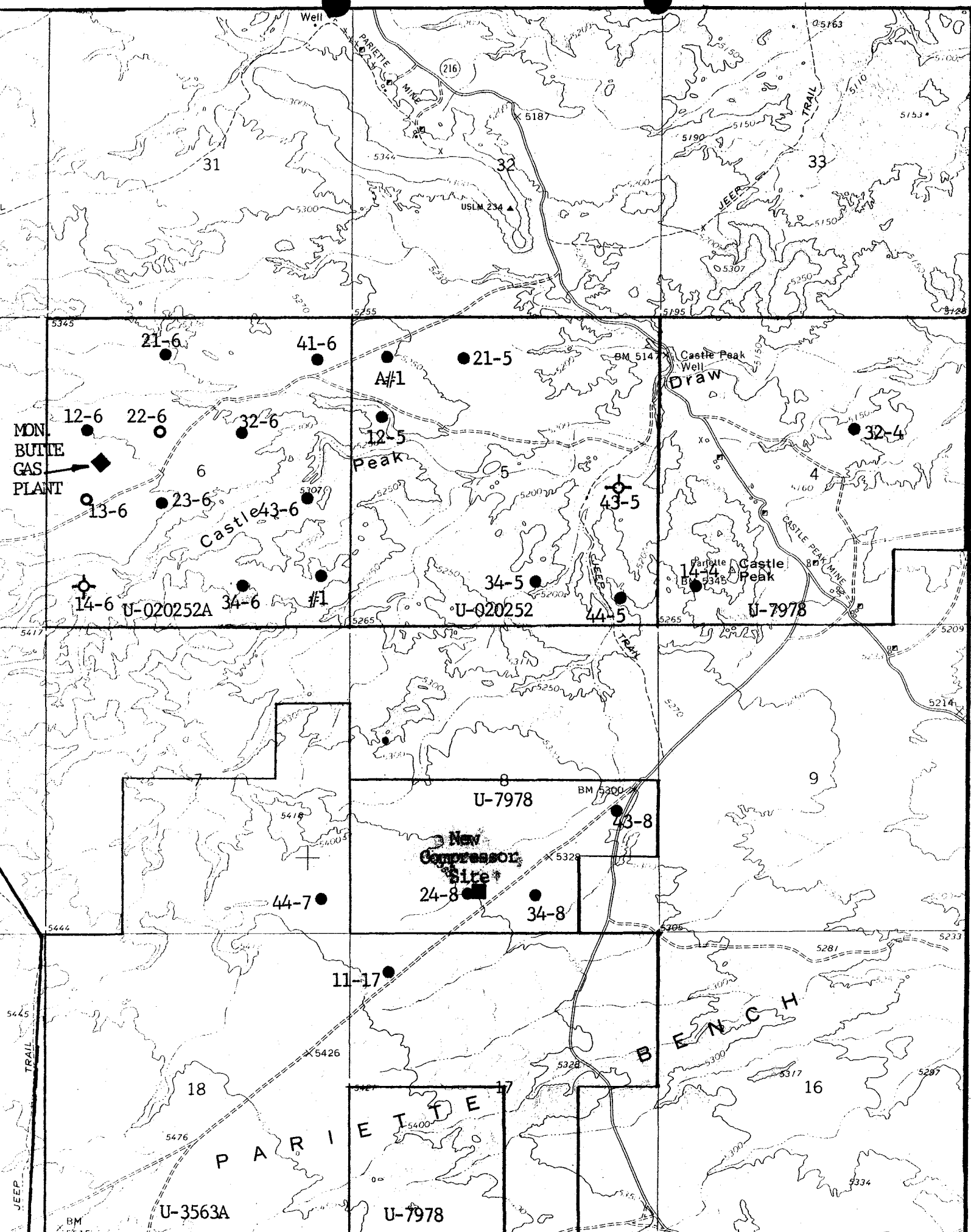
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side



DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions
verse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-7978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

PAIUTE FEDERAL

9. WELL NO.

24-8

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SECTION 8, T9S, R17E

12. COUNTY OR PARISH 13. STATE

DUCHESNE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

OIL
WELL ☒ GAS
WELL ☐ OTHER

2. NAME OF OPERATOR

DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

2055' FWL & 591' FEL (SE/SE)

14. PERMIT NO.

43-013-30675

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5350' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) INSTALL A DEHYDRATOR

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to set a natural gas dehydrator
on the Northeast corner of the existing pad of the Paiute Federal 24-8 location.

Installation of this dehydrator will reduce the water vapor entrained with the gas from
Federal leases #U-7978 and U-3563A and also prevent gas line freeze ups between the
compressor site and the Monument Butte Gas Plant.

This installation will not create a surface disturbance.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert Michelotti

TITLE Production Engineer

DATE 11-26-84

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

DATE 12/12/84

BY John R. Bay

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Instructions on reverse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Monument Butte Gathering System		5. LEASE DESIGNATION AND SERIAL NO. See Attachments
2. NAME OF OPERATOR DIAMOND SHAMROCK EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. DRAWER "E", VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface N/A		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Monument Butte Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

RECEIVED
DEC 21 1984
DIVISION OF
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Request for emergency pits ☒ XXXPULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK EXPLORATION COMPANY is requesting permission to install nine emergency pits for use in our Monument Butte Gathering System. Due to the cooler weather, gas line freeze ups are a greater possibility because of the water condensation taking place in the gas lines. If a line freeze up occurs the excess liquid present in the line can be drained off into the pit to reduce the possibility of breakage.

All of the emergency pits are located where the most frequent water accumulation occurs in the surface gas lines.

Each of these pits will be fenced and the approximate dimensions will be 6' x 6' x 4'.

If an emergency occurs where use of these pits are required, the BLM will be notified and the liquid will be removed with 48 hrs.

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 1/2/85
BY: John R. Bay

18. I hereby certify that the foregoing is true and correct

SIGNED

Rob Michelotti
Rob Michelotti

TITLE

Production Engineer

DATE

12-19-84

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

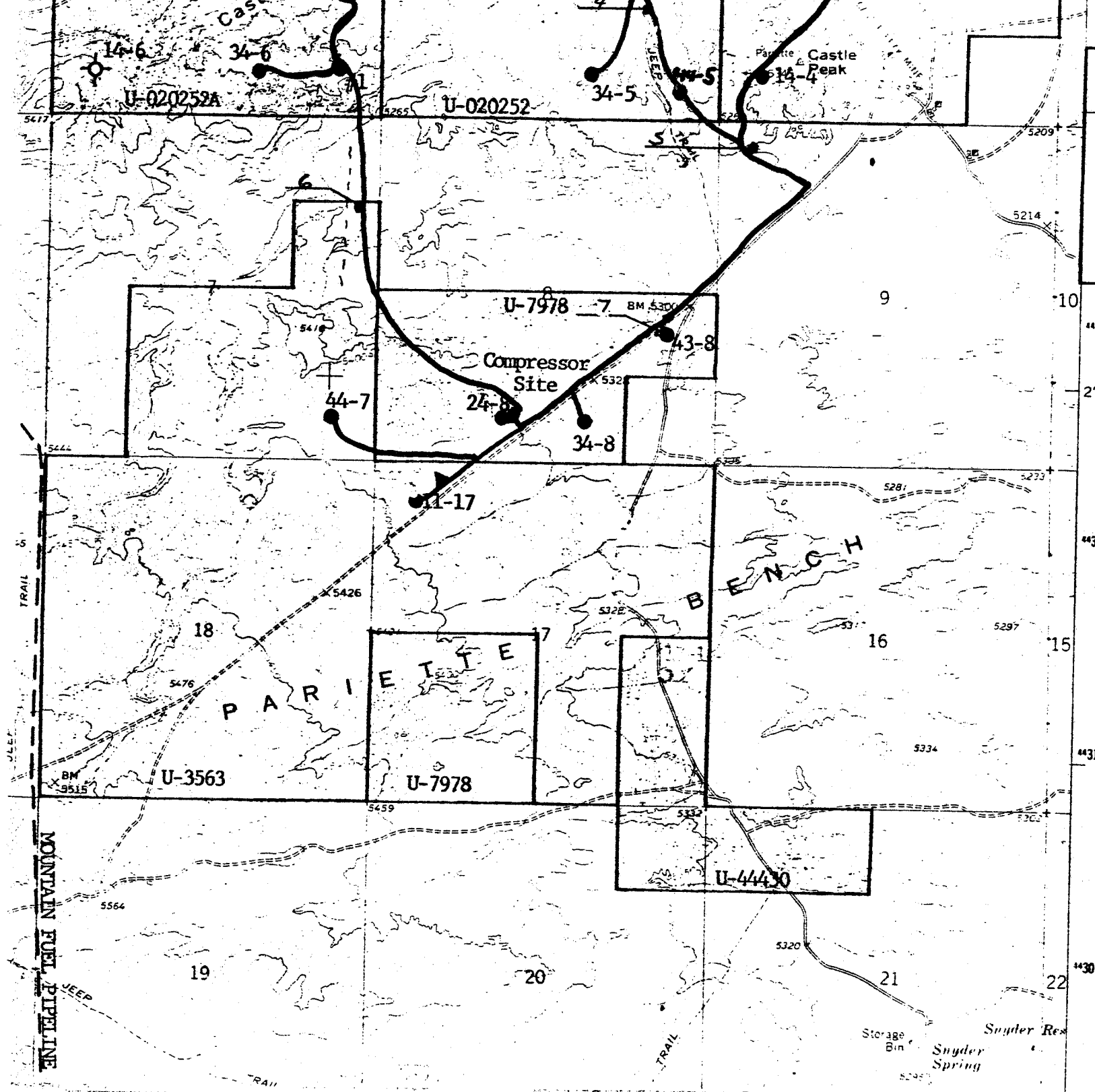
EMERGENCY PIT NO.	LOCATION (REFER TO MAPS)
1. 2. 3.	Monument Butte Gas Plant Lease # U-020252A Sec. 6, T9S, R17E
4.	SW Corner of Allen Federal 43-5 Lease #U-020252 NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5, T9S, R17E
5.	(Within the pipeline right-of-way) Lease # 5750 NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9, T9S, R17E
6.	NW Corner of Paiute Federal 24-8 Lease # U-7978 SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7, T9S, R17E
7.	On Paiute Federal 43-8 location Lease #U-7978 NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8, T9S, R17E
8.	On Allen Federal 43-7 Location U-020252A NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6, T9S, R17E
9.	On Walton Federal #5 Location Lease #U-096550 SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12, T9S, R16E

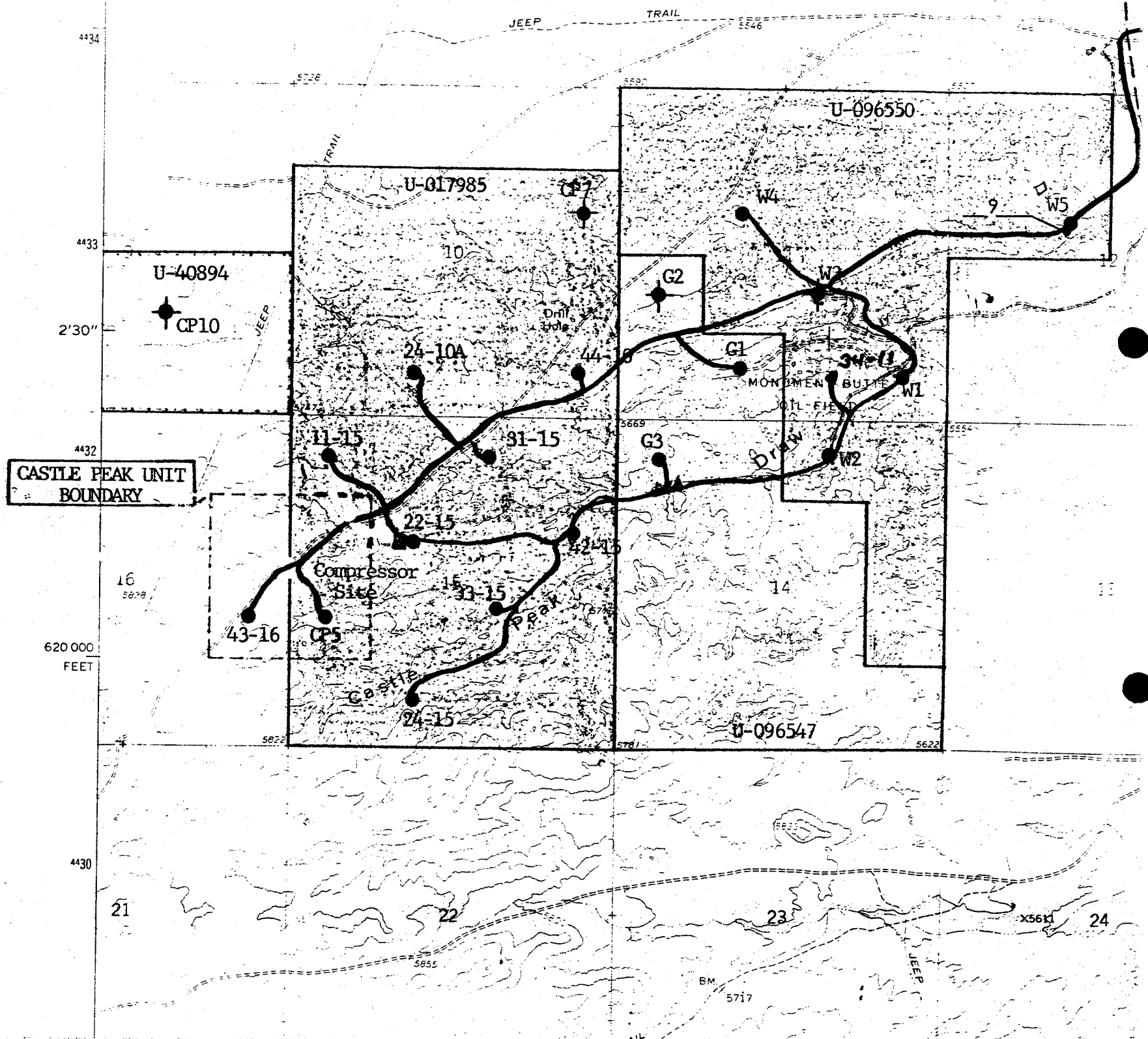
EMERGENCY PIT #	EMERGENCY PIT USE
1.	Gas Plant Chemsweet Tower
2.	Gas Plant High Pressure Wet Gas Line
3.	Gas Plant Separator
4.	Low Pressure Wet Gas Line
5.	Low Pressure Wet Gas Line
6.	High Pressure Wet Gas Line
7.	Low Pressure Wet Gas Line
8.	High Pressure Wet Gas Line
9.	High Pressure Wet Gas Line

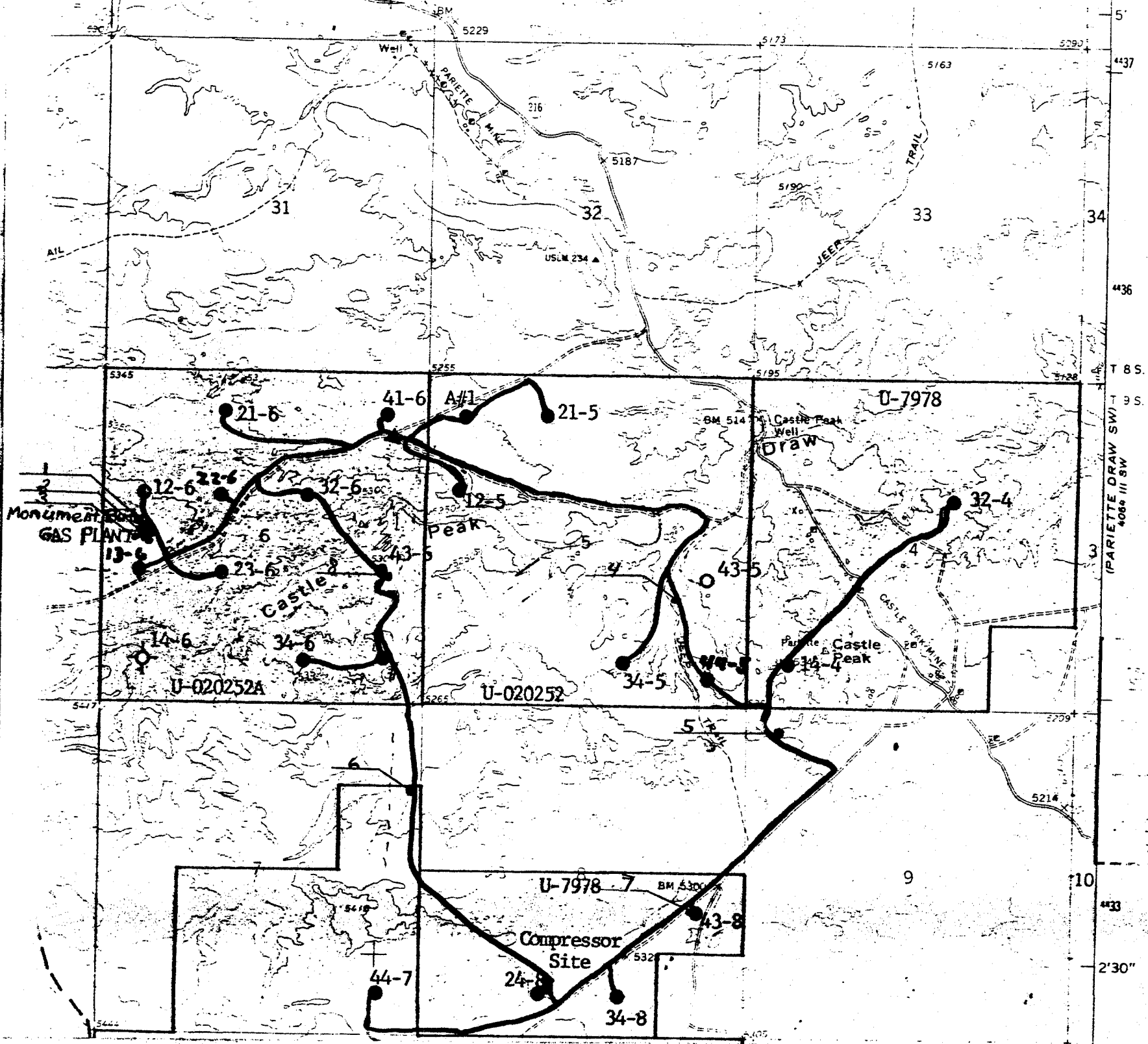
**MONUMENT BUTTE FIELD
GAS GATHERING SYSTEM**

Existing
Line

● - emergency pit location
(proposed)







UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

14

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED APR 18 1985 DIVISION OF OIL GAS & MINING	5. LEASE DESIGNATION AND SERIAL NO. U-7978	
2. NAME OF OPERATOR DIAMOND SHAMROCK EXPLORATION COMPANY			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. DRAWER "E", VERNAL, UTAH 84078			7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2055' FWL & 591' FSL			8. FARM OR LEASE NAME PAIUTE FEDERAL	
14. PERMIT NO. 43-013-30675		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5350' GR		9. WELL NO. 24-8
				10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE FIELD
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 8, T9S, R17E
				12. COUNTY OR PARISH DUCHESNE
				13. STATE UTAH

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Install a pressure vessel <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to set a propane tank on the Northeast corner of the existing pad of the Paiute Federal 24-8 location.

Installation of this pressure vessel will allow the vapors from the dehydrator to be recovered and reinjected into the gas gathering system.

This installation will not create a surface disturbance.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 4/23/85
BY: John R. Dwyer

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Rob Michelotti</u>	TITLE <u>Production Engineer</u>	DATE <u>4-16-85</u>
(This space for Federal or State office use)		

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Maxus Energy Corporation
LTV Center
2001 Ross Avenue
Dallas, Texas 75201
214 979-2800

RECEIVED
JUN 05 1987

060810

DIVISION OF
OIL, GAS & MINING

June 2, 1987

MAXUS

Utah Division of Oil, Gas & Mining
Attn: Norm Stout
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Stout,

Regarding your request for information concerning the change of name of our company from Diamond Shamrock Exploration, to Maxus Exploration Company:

1. New replacement bond is being taken care of by Sherry Neally (214) 953-2858, and will be mailed to you shortly by Judy Tate (806) 378-3876.
2. Contact names will remain the same - Kaleb Leake (307) 266-1882, Maxus Exploration Company, P.O. Box 2530, Mills, WY 82644, for drilling and permitting; Pat Cote (214) 979-2822, at the letterhead address, for production and disposition reporting.
3. I am enclosing a copy of our most recent production report. This is a complete list of all wells to be affected by the name change.
4. The name change is effective 4-28-87. All name change notices are being handled by Dick Smith in our Legal Department (214) 953-2979. He assures us that the notices will be sent out in a few days.
5. There are no changes in the division of interest on any of the attached wells, therefore all entity numbers will remain the same.

Thank you for your patience in this matter, and please contact me if there is any other information needed.

Sincerely,

Pat Cote

Pat Cote
Production Clerk, Oil Revenue
Maxus Exploration
(214) 979-2822



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 3 of 6

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DIAMOND SHAMROCK EXPL.
2001 ROSS AVE #1500
DALLAS TX 75201
ATTN: PAT COTE

RECEIVED
JUN 05 1987

DIVISION OF
OIL, GAS & MINING

Utah Account No. N0340

Report Period (Month/Year) 4 / 87

Amended Report ☐

Well Name				Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location	Oil (BBL)			Gas (MSCF)	Water (BBL)	
X PAIUTE FED 14-4								
4301330671	01215 09S 17E 4	GRRV	30		357	889	5	
X PAIUTE FED 24-8								
4301330675	01220 09S 17E 8	GRRV	30		531	2083	-0-	
X UTE 1-33B6								
4301330441	01230 02S 06W 33	WSTC	26		1304	1177	2264	
X UTE 1-8C6								
4301330387	01235 03S 06W 8	WSTC	-0-		-0-	-0-	-0-	
X WALTON FED. #1								
4301315792	01240 09S 16E 11	GRRV	26		130	1038	-0-	
X WALTON FED. #2								
4301315793	01240 09S 16E 14	GRRV	-0-		-0-	-0-	-0-	
X WALTON FED #4								
4301315795	01240 09S 16E 11	GRRV	30		68	203	-0-	
X WALTON FED #5								
4301315796	01240 09S 16E 12	GRRV	-0-		-0-	-0-	-0-	
X WALTON FED. #34-11								
4301331003	01240 09S 16E 11	GRRV	30		282	764	-0-	
X GOATES FED. #1								
4301315789	01245 09S 16E 11	GRRV	30		115	60	-0-	
X GOATES FED #3								
4301315791	01245 09S 16E 14	GRRV	30		114	60	-0-	
X GULF UTE 1-17B2								
4301330440	01250 02S 02W 17	WSTC	30		1263	2245	1873	
X GULF-UTE 1-16								
4301330061	01255 02S 02W 16	GRRV	-0-		-0-	-0-	-0-	
TOTAL					4164	8519	4142	

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date 6-2-87

Pat Cote
Authorized signature

Telephone (214) 979-2822

COMPANY: MAXUS EXPLORATION CO UT ACCOUNT # _____ SUSPENSE DATE: 6-10-87
(FORMERLY DIAMOND SHAMROCK EXPLORATION CO)

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: PAT COTE (PAT PRONOUNCES HER NAME "COATEE")

CONTACT TELEPHONE NO.: (214) 979-2822

SUBJECT: OPERATOR CHANGE - DIAMOND SHAMROCK EXPLORATION CO TO MAXUS EXPL CO.

(Use attachments if necessary)

RESULTS: PAT SAID SHE WOULD PROVIDE: LTR OF EXPLANATION FOR 1) EFFECTIVE DATE,
2) BONDING, 3) ENTITY REVIEW, 4) WELLS IN QUESTION, 5) ADDRESS & TEL
FOR BOTH DRILLING AND PRODUCTION CONTACT PEOPLE,

SHE WILL USE GOPT A SUPPLEMENTED COPY OF TAD TO IDENTIFY ALL
WELLS, INCLUDING DRILLING AND INJECTION

(Use attachments if necessary)

CONTACTED BY: Yorum

DATE: 6-2-87



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

October 8, 1991

-- VIA FEDERAL EXPRESS --

Lisha Romero
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Lisha:

Enclosed are sundry notices for Change of Operator for the wells on the enclosed list. These wells are currently operated by Maxus Exploration Company and are being transferred to:

Balcron Oil
P.O. Box 21017
Billings, MT 59104

The transfer is effective November 1, 1991.

If there is any other information you need or if you have any questions, please give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental, and Regulatory Affairs

/rs

Enclosures

cc: James M. Pachulski, Maxus Exploration Company

*Thanks for all
your help, Lisha.*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. SEE ATTACHED LIST	
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR EQUITABLE RESOURCES ENERGY COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 21017; Billings, MT 59104 (406)259-7860		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone SEE ATTACHED LIST		9. WELL NO.	
10. FIELD AND POOL, OR WILDCAT		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY	13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) <input type="checkbox"/>	Change of Operator <input checked="" type="checkbox"/>		
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Effective November 1, 1991, the operator of this well will change from Maxus Exploration Company

TO: EQUITABLE RESOURCES ENERGY COMPANY
P.O. Box 21017
Billings, MT 59104

Effective November 1, 1991, Equitable Resources Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under Bureau of Land Management Bond #5547188 issued by Safeco Insurance Co.

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED <u>[Signature]</u>	TITLE <u>Attorney-in-Fact</u>	DATE <u>October 8, 1991</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

Maxus Exploration Company
P.O. Box 2530
Mills, Wyoming 82644
307 266-1882

RECEIVED

OCT 10 1991

DIVISION OF
OIL GAS & MINING

MAXUS

October 7, 1991

State of Utah
Division of Oil & Gas
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180

Re: Operator Transfer of Maxus
Exploration Company Wells

Dear Sir:

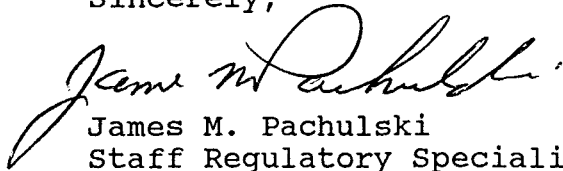
Attached is a list of wells within the State of Utah currently operated by Maxus Exploration Company. These wells are in the process of being transferred to a new operator:

Balcron Oil
P.O. Box 21017
Billings, Montana 59104
Attn: Bobbie Schuman
Coordinator of Environmental and Regulatory
Affairs (406) 259-7860

The transfer will become effective on November 1, 1991. Individual Sundry notices for each well will be forwarded to the BLM with a copy to the State of Utah by Balcron Oil in the near future. These Sundry Notices will include the bond number, effective date and a statement agreeing to be responsible under the terms and conditions of the lease.

Please contact the undersigned if there are any questions. Thank you.

Sincerely,


James M. Pachulski
Staff Regulatory Specialist

JMP:ka

cc: Balcron Oil

Maxus Energy Corporation
717 North Harwood Street
Dallas, Texas 75201
214 953-2000

11/1/91

MAXUS

TO: INTEREST OWNERS

SALES OF WELLS

MAXUS HAS SOLD ALL THEIR NORTH DAKOTA, MONTANA, UTAH, AND
WYOMING (EXCEPT ALPHA FIELD in WYOMING) EFFECTIVE 11/1/91.

TO: BALCON OIL & GAS CO
P. O. BOX 21017
BILLINGS, MT 59104

PRODUCTION DEPT / JENICE FUGERE

PH: 406/259-7860

IT IS MY UNDERSTANDING THAT MAXUS WILL OPERATE THESE WELLS UNTIL
NOVEMBER 1, 1991, ~~BUT THAT IS SUBJECT TO CHANGE~~. I JUST WANTED TO
GIVE YOU THEIR NAME AND ADDRESS.

Nancy Lawrence

Nancy Lawrence / 214/953-2177
Oil Accounting

RECEIVED

NOV 29 1991

DIVISION OF
OIL GAS & MINING



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. •(801-538-5340)

Page 3 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ATTN NANCY LAWRENCE
MAXUS EXPLORATION COMPANY
717 N. HARWOOD, STE 2900
DALLAS TX 75201-

Utah Account No. N0865

Report Period (Month/Year) 12 / 91

Amended Report ☐

12 / 91

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
PAIUTE FED 24-8					
✓ 4301330675 01220 09S 17E 8	GRRV				
WALTON FED. #1					
✓ 4301315792 01240 09S 16E 11	GRRV				
WALTON FED. #2					
✓ 4301315793 01240 09S 16E 14	GRRV				
WALTON FED #4					
✓ 4301315795 01240 09S 16E 11	GRRV				
WALTON FED. #34-11					
✓ 4301331003 01240 09S 16E 11	GRRV				
GOATES FED. #1					
✓ 4301315789 01245 09S 16E 11	GRRV				
GOATES FED #3					
✓ 4301315791 01245 09S 16E 14	GRRV				
CHORNEY FED 1-9					
✓ 4304730070 01260 09S 19E 9	GRRV				
COYOTE BSN FED 12-13					
✓ 4304731266 01265 08S 24E 13	GRRV				
COYOTE BSN FED 43-12					
✓ 4304730943 01270 08S 24E 12	WSTC				
E. RED WASH FED 1-12					
✓ 4304720207 01275 08S 24E 12	GRRV				
E. RED WASH FED 1-13					
✓ 4304720222 01280 08S 24E 13	GRRV				
CASTLE PK FED 24-10A					
✓ 4301330555 01281 09S 16E 10	GRRV				
TOTAL					

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 SOUTH 500 EAST
VERNAL, UTAH 84078

TAKE
PRIDE IN
AMERICA

IN REPLY REFER TO:

3162.3
UT08438

JAN 02 1992

Equitable Resources Energy Company
Attn: Bobbie Schuman
P.O. Box 21017
Billings, Montana 59104

Re: ⁴³⁻⁰¹³⁻³⁰⁶⁷⁵ Well No. Paiute Federal 24-8
SESW, Sec. 8, T9S, R17E
Duchesne County, Utah
Lease U-7978

Dear Ms. Schuman:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Equitable Resources Energy Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0576, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Ed Forsman of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant District Manager for Minerals

cc: Maxus Exploration Company
Gavilan Operating
Walker Energy Group

RECEIVED

JAN 06 1992

DIVISION OF
OIL, GAS & MINING

1- LCR
2- DTS
3- VLC
4- RJF
5- RWM
6- ADA 7-LCR

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)
☐ Designation of Operator

☐ Designation of Agent
☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-91)

TO (new operator) BALCRON OIL
(address) P. O. BOX 21017
1601 LEWIS AVENUE BUILDING
BILLINGS, MT 59104
phone (406) 259-7860
account no. N9890 (12-5-91)

FROM (former operator) MAXUS EXPLORATION COMPANY
(address) 717 N. HARWOOD, STE 2900
DALLAS, TX 75201.
JAMES PACHULSKI (WYO)
phone (307) 266-1882
account no. N 0865

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-10-91)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 10-9-91)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) If yes, show company file number: dba 0977441. *(Owned by Equitable Resources Energy Company #134640)*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-10-92)*
6. Cardex file has been updated for each well listed above. *(1-13-92)*
7. Well file labels have been updated for each well listed above. *(1-13-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(1-10-92)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

1. All attachments to this form have been microfilmed. Date: _____ 19____.

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

- 911007 Btm/Vernal "No documentation as of yet."
- 911025 Btm/Vernal "Have documentation - not approved as of yet." Will notify DiBm when approved.
- 911125 Btm/Vernal " "
- 911231 Btm/Vernal " "
- 920110 Baleron/Bobby Schuman Reg. Transfer of Authority to inject "Parvett Bench Unit #4" and 134-35 Sundry for operator change "Castlepeak St. 43-116."

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: BALCRON OIL

LEASE: U-7978

WELL NAME: PAIUTE FED 24-8

API: 43-013-30675

SEC/TWP/RNG: 08 09.0 S 17.0 E

CONTRACTOR:

COUNTY: DUCHESNE

FIELD NAME: MONUMENT BUTTE

DRILLING/COMPLETION/WORKOVER:

- APD	- WELL SIGN	- HOUSEKEEPING	- BOPE
- SAFETY	- POLLUTION CNTL	- SURFACE USE	- PITS
- OPERATIONS	- OTHER		

SHUT-IN / TA -:

- WELL SIGN	- HOUSEKEEPING	- EQUIPMENT *	- SAFETY
- OTHER			

ABANDONED:

- MARKER	- HOUSEKEEPING	- REHAB	- OTHER
----------	----------------	---------	---------

PRODUCTION:

Y WELL SIGN	Y HOUSEKEEPING	Y EQUIPMENT *	Y FACILITIES *
Y METERING *	Y POLLUTION CNTL	Y PITS	Y DISPOSAL
Y SECURITY	Y SAFETY	- OTHER	

GAS DISPOSITION:

- VENTED/FLARED	Y SOLD	Y LEASE USE
-----------------	--------	-------------

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:

LOCATION, WELLHEAD, PUMP JACK, 2-400 BBL OIL TANKS

REMARKS:

POW, PIPELINE TANK AND METERS ON THIS LOCTION

ACTION:

INSPECTOR: MICHAEL HEBERTSON

DATE: 06/01/92



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DAWN SCHINDLER
BALCRON OIL
PO BOX 21017
BILLINGS MT 59104

Utah Account No. N9890

Report Period (Month/Year) 1 / 93

Amended Report ☐

Well Name			Producing	Days	Production Volume		
API Number	Entity	Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
ALLEN FEDERAL 21-5							
4301330612	01140 09S 17E 5		GRRV				
CASTLE PK FED. 22-15							
4301330634	01150 09S 16E 15		GRRV				
CASTLE PK FED 24-15							
4301330631	01160 09S 16E 15		GRRV				
CASTLE PK FED 31-15							
4301330613	01165 09S 16E 15		GRRV				
CASTLE PK FED 33-15							
4301330632	01170 09S 16E 15		GRRV				
CASTLE PK FED 42-15							
4301330633	01175 09S 16E 15		GRRV				
CASTLE PK FED 44-10							
4301330630	01180 09S 16E 10		GRRV				
CASTLE PK ST 43-16							
4301330594	01181 09S 16E 16		GRRV				
PAIUTE FED 34-8							
4301330778	01200 09S 17E 8		GRRV				
MOCON FED 44-7							
4301330666	01205 09S 17E 7		GRRV				
PAIUTE FED 11-17							
4301330516	01210 09S 17E 17		GRRV				
PAIUTE FED 14-4							
4301330671	01215 09S 17E 4		GRRV				
PAIUTE FED 24-8							
4301330675	01220 09S 17E 8		GRRV				
TOTAL							

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____



EQUITABLE RESOURCES ENERGY COMPANY;
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104
(406) 259-7860
FAX: (406) 245-1364

March 4, 1993

State of Utah
Uintah County
152 East 100 North
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1 LEC	7-DEC
2 DTS	8-DEC
3 VLC	
4 RJF	
5 RWM	
6 ADA	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>	FROM (former operator)	<u>BALCRON OIL</u>
(address)	<u>BALCRON OIL DIVISION</u>	(address)	<u>PO BOX 21017</u>
	<u>PO BOX 21017</u>		<u>BILLINGS MT 59104</u>
	<u>BILLINGS MT 59104</u>		
	phone (<u>406</u>) <u>259-7860</u>		phone (<u>406</u>) <u>259-7860</u>
	account no. <u>N 9890</u>		account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **ALL WELLS**	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (field 3-8-93)
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: 134640.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-19-93)
- Sec 6. Cardex file has been updated for each well listed above. (3-19-93)
- Sec 7. Well file labels have been updated for each well listed above. (3-19-93)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-19-93)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) **930319 Rec'd bond rider e H. 3-4-93.*

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *#5578314/80,000 Belcor Oil, A Division of Equitable Resources Energy Company.*
2. A copy of this form has been placed in the new and former operators' bond files. **upon completion of routing.*
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

EASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases. *see comments below*

FILMING

1. All attachments to this form have been microfilmed. Date: March 30 1993.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930308 Btm / S.L. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belcor Oil Division".

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - VIC FORM 1

OPERATOR Equitable Resources Energy Company,
Balcron Oil Division
ADDRESS 1601 Lewis Avenue
Billings, MT 59102

JAN - 2 1995

Well name and number: Paiute Federal #24-8

Field or Unit name: Beluga Unit Lease no. U-007978

Well location: QQ SE SW section 8 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? . . Yes ☐ No ☒

Will the proposed well be used for: Enhanced Recovery? . . Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____
API number: 43-013-30675

Proposed injection interval: from 4025' to 5442'

Proposed maximum injection: rate 500 BPD pressure 2100 psig

Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Will be filed separately.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman
Title Regulatory & Environmental Specialist
Phone No. (406) 259-7860

Signature Bobbie Schuman
Date November 14, 1995

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

**EQUITABLE RESOURCES
ENERGY COMPANY****BALCRON OIL DIVISION**1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860**★FAX TRANSMITTAL★****FAX NO.: (406) 245-1365**

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.
Thanks for your help!!

NOTE: The information contained in this facsimile message is privileged and confidential, and is intended only for the use of the individual(s) or entity name above who have been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. **THANK YOU.**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR EQUITABLE RESOURCES ENERGY
ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. N9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

2-22-96

Title

Date

Phone No. ()

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 11

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 12 / 95AMENDED REPORT ☐ (Highlight Changes)

Well Name					Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location		OIL(BBL)				GAS(MCF)	WATER(BBL)	
BOLL WEEVIL FED 26-13					GRRV					
4301330770	00035	08S	16E	26						
CASTLE PK ST 43-16					GRRV					
4301330594	01181	09S	16E	16						
WPAUTE FEDERAL 34-8					GRRV					
4301330778	01200	09S	17E	8						
MOGON FED 14-7					GRRV					
4301330666	01205	09S	17E	7						
WPAUTE FEDERAL 11-17					GRRV					
4301330516	01210	09S	17E	17						
WPAUTE FEDERAL 24-8					GRRV					
4301330675	01220	09S	17E	8						
JOURNEY FED 1-9					GRRV					
4304730070	01260	09S	19E	9						
CASTLE PK FED 24-10A					GRRV					
4301330555	01281	09S	16E	10						
HENDEL FED 1-17					GRRV					
4304730059	01305	09S	19E	17						
HENDEL FED 3-17					GRRV					
4304730074	01305	09S	19E	17						
HENDEL FED. 1-9					GRRV					
4304720011	01310	09S	19E	9						
PARIETTE BENCH FED 14-5					GRRV					
4304731123	01335	09S	19E	5						
PARIETTE BENCH UNIT 2					GRRV					
4304715680	01345	09S	19E	7						
TOTALS										

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

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MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 12 / 95AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
PARIETTE BENCH FED 41-7								
4304731584	01346	09S 19E 7	GRRV					
SUE MORRIS 16-3								
4301330562	01450	09S 17E 16	GRRV					
STATE 16-2								
4301330552	01451	09S 17E 16	GRRV					
K JORGENSEN ST 16-4								
4301330572	01452	09S 17E 16	GRRV					
W DUNCAN ST 16-5								
4301330570	01453	09S 17E 16	GRRV					
PARIETTE FEDERAL 43-8								
01330777	02042	09S 17E 8	GRRV					
FEDERAL 18								
4301330332	08100	09S 17E 18	DGCRK					
POMGO #2								
4301330505	08101	09S 17E 18	GR-WS					
POMGO #4								
4301330506	08102	09S 17E 17	GRRV					
POMGO #5								
4301330499	08104	09S 17E 17	GRRV					
PARIETTE BENCH FED 32-6								
4304731554	09885	09S 19E 6	GRRV					
PARIETTE BENCH FED 43-6								
4304731616	10280	09S 19E 6	GRRV					
MAXUS FEDERAL 23-8								
4301331196	10800	09S 17E 8	GRRV					
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

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MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 12 / 95AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
COYOTE FEDERAL 21-5								
4304732260	11500	08S 25E 5	GRRV					
COYOTE FEDERAL 13-5								
4304732261	11500	08S 25E 5	GRRV					
FEDERAL 22-10Y								
4301331395	11501	09S 17E 10	GRRV					
FEDERAL 41-21Y								
4301331392	11505	09S 16E 21	GRRV					
FEDERAL 44-14Y								
4304732438	11506	09S 17E 14	GRRV					
FEDERAL 21-13Y								
4301331400	11510	09S 16E 13	GRRV					
FEDERAL 21-9Y								
4301331396	11513	09S 16E 9	GRRV					
MONUMENT FEDERAL 21-17								
4301331387	11528	09S 17E 17	GRRV					
FEDERAL 21-8								
4301331398	11529	09S 17E 8	GRRV					
FEDERAL 21-25Y								
4301331394	11530	09S 16E 25	GRRV					
MONUMENT FEDERAL 21-8								
4301331382	11574	09S 17E 8	GRRV					
MONUMENT FEDERAL 21-8								
4301331427	11613	09S 17E 8	GRRV					
MONUMENT FEDERAL 21-7								
4301331432	11616	09S 17E 7	GRRV					
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

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MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 12 / 95AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 11-25								
4304732455	11625	08S 17E 25	GRRV					
MONUMENT FEDERAL 31-17								
4301331428	11635	09S 17E 17	GRRV					
MONUMENT FEDERAL 22-17-1								
4301331429	11638	09S 17E 17	GRRV					
BALCRON MONUMENT FEDERAL 12-17								
4301331431	11640	09S 17E 17	GRRV					
ALLEN FEDERAL 31-6G								
4301331442	11642	09S 17E 6	GRRV					
BALCRON FEDERAL 41-19Y								
4304732504	11651	09S 18E 19	GRRV					
BALCRON MONUMENT STATE 14-2								
4301331425	11656	09S 17E 2	GRRV					
FEDERAL 44-4Y								
4301331452	11679	09S 17E 4	GRRV					
FEDERAL 31-5Y								
4304732503	11680	09S 18E 5	GRRV					
BALCRON MONUMENT FEDERAL 21-25								
4304732528	11683	08S 17E 25	GRRV					
MONUMENT FEDERAL 41-17								
4301331466	11692	09S 17E 17	GRRV					
MONUMENT FEDERAL 12-25								
4304732526	11694	08S 17E 25	GRRV					
MONUMENT FEDERAL 24-17								
4301331467	11698	09S 17E 17	GRRV					
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

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MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
EQUITABLE RESOURCES ENERGY
1601 LEWIS AVE
BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT ☐ (Highlight Changes)

Well Name PI Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 32-17A						
4301331465 11704 09S 17E 17	GRRV					
MONUMENT FEDERAL 32-25						
4304732524 11707 08S 17E 25	GRRV					
MONUMENT FEDERAL 31-25						
4304732530 11710 08S 17E 25	GRRV					
BALCRON FEDERAL 12-22Y						
4301331476 11717 08S 17E 22	GRRV					
MONUMENT FEDERAL 33-25						
4304732525 11729 08S 17E 25	GRRV					
MONUMENT FEDERAL 23-25						
44732529 11730 08S 17E 25	GRRV					
BALCRON MONUMENT STATE 24-2						
4304732612 11736 09S 17E 2	GRRV					
BALCRON MONUMENT STATE 13-2						
4301331482 11738 09S 17E 2	GRRV					
BALCRON MONUMENT STATE 22-2						
4304732610 11742 09S 17E 2	GRRV					
BALCRON MONUMENT STATE 12-2						
4301331481 11745 09S 17E 2	GRRV					
BALCRON FEDERAL 31-19Y						
4304732614 11751 09S 18E 19	GRRV					
BALCRON FEDERAL 42-19Y						
4304732616 11756 09S 18E 19	GRRV					
BALCRON FEDERAL 12-20Y						
4304732617 11758 09S 18E 20	GRRV					
TOTALS						

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Signature: _____ Telephone Number: _____

**EQUITABLE RESOURCES
ENERGY COMPANY****BALCRON OIL DIVISION**1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860**★FAX TRANSMITTAL★****FAX NO.: (406) 245-1365**

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.
Thanks for your help!!

NOTE: The information contained in this facsimile message is privileged and confidential, and is intended only for the use of the individual(s) or entity name above who have been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. **THANK YOU.**

ENTITY ACTION FORM - FORM 6

OPERATOR EQUITABLE RESOURCES ENERGY
ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. N9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

2-22-96

Title

Date

Phone No. ()

✓ A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (St)	Green River	ML-3453	43-013-15582	660' FSL, 560' FWL		Beluga
✓ Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31485	1980' FNL, 1980' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
✓ Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
✓ D. Duncan State #16-5	Monument Butte	SW NW	16	9S	17E	Duchesne	UT	Oil	Green River	State ML-3453-B	43-013-30570	1922' FNL, 885' FWL		Beluga
✓ DMD Federal #17-1	Monument Butte	NE SE	17	9S	17E	Duchesne	UT	Oil (St)	Green River	U-44430	43-013-30689	2059' FSL, 0584' FEL	Vernal	Beluga
✓ Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2186' FEL	Vernal	Beluga
✓ Manus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
✓ Moon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Vernal	Beluga
✓ Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
✓ Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga
✓ Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
✓ Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
✓ Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
✓ Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Vernal	Beluga
✓ Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Vernal	Beluga
✓ Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FEL	Vernal	Beluga
✓ Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
✓ POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
✓ POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
✓ POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
✓ Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga

N4940-Enserch Explor. Inc.
(Oper. Chg. in Progress)

N8395-Prod. Recovery Corp.
(Oper. Chg. in Progress)

EREC Western Region
DAILY OPERATING REPORT

PAIUTE FEDERAL #24-8

Operator: EREC/Western Region
Location: SE SW Section 8, T9S, R17E
Duchesne County, Utah
Prospect: Monument Butte/Beluga Unit

- 10/05/96 Re-Completion for Injection**
MIRU Pennant Well Service Rig #4. Flush flow line. Unseat DHP, flush rods, w/45 bbls wtr. TOO H w/rod string (lay rods down).
195 - 3/4" x 25' Plain, cond. B.
22 - 3/4" x 25' w/2" guides, cond. B.
1 - Polish rod, 1-1/2" x 22'
Unflange well head. NU BOP. Release tbg anchor. Pull & lay down tbg string.
177 - jts 2-7/8" EUE J-55 8rd 4.7#, cond. B.
SWIFN. (Transfer rods & tbg to M.B. yard inventory.)
DC: \$1,898 CC: \$1,898
- 10/07/96 Re-Completion for Injection**
PU & TIH w/TS RBP, retrieving tool, 2-3/8" x 6' sub, HD pkr, SN & 174 jts 2-7/8" tbg. Set BP @ 5470' KB, pkr @ 5408' KB. SWIFN.
DC: \$1,216 CC: \$3,114
- 10/08/96 Re-Completion for Injection**
RU hot oil truck & pump 115 bbls hot wtr down csg, could no break circulation. Do injection tests on all open zones. Set BP @ 5470' KB, pkr @ 5408' KB (Zone 5414' - 5442'). Pump 2-1/2 bpm @ 1100 psi. Reset BP @ 4753' KB, pkr @ 4690' KB. (Zone 4713' - 4740'). Pump 1-1/4 bpm @ 1200 psi. Reset BP @ 4660' KB, pkr @ 4600' KB. (Zone 4619' - 4630'). Pump 1 bpm @ 1200 psi. Reset BP @ 4139' KB, pkr @ 4092' KB. (Zone 4106' - 4111'). Pump 2-3/4 bpm @ 1100 psi. Reset BP @ 4092' KB, pkr @ 4050' KB. (Zone 4077' - 4086'). Pump 2 bpm @ 1100 psi. Reset BP @ 4060' KB, pkr @ 4019' KB. (Zone 4025' - 4056'). Pump 1-1/4 bpm @ 1200 psi. Set pkr @ 3693' KB. Press test csg to 1000 psi, 1 hr, no loss. TOO H w/tbg, pkr & BP. TIH w/injection string. SWIFN.
DC: \$1,924 CC: \$5,038
- 10/09/96 Re-Completion for Injection**
- | Injection string: | <u>LENGTH</u> | <u>DEPTH KB</u> |
|----------------------------------|---------------|-----------------|
| 1 - Arrow Set-1 pkr | 7.20' | 3696.35' |
| 1 - Cross Over 2-3/8" x 2-7/8" | .60' | 3689.15' |
| 1 - SN 2-7/8" | 1.10' | 3688.55' |
| 118 jts 2-7/8" EUE J-55 8rd 6.5# | 3676.45' | 3687.45' |
| KB | 11.00' | |
- Drop standing valve. Press test tbg to 3000 psi, 1/2 hr, no loss. ND BOP. Flange up well head. Pump 55 gals Champion Cortron 2383 pkr fluid, mixed w/68 bbls wtr, down csg.
Unflange well head. Set pkr @/8" tension, 10,000#. Press test csg & pkr to 1000 psi, 1 hr, no loss. RDMO.
DC: \$2,097 CC: \$7,135

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 10 of 11

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 3 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ A ANDERSON STATE 1-16								
4301315582	11880	09S 17E 16	GRRV					
✓ FEDERAL 1-18								
4301330332	11880	09S 17E 18	DGCRK					
✓ POMCO #5								
4301330499	11880	09S 17E 17	GRRV					
✓ POMCO #2								
4301330505	11880	09S 17E 18	GR-WS					
✓ POMCO #4								
4301330506	11880	09S 17E 17	GRRV					
✓ PAIUTE FED 11-17								
01330516	11880	09S 17E 17	GRRV					
✓ SJE MORRIS 16-3								
4301330562	11880	09S 17E 16	GRRV					
✓ D. DUNCAN ST 16-5								
4301330570	11880	09S 17E 16	GRRV					
✓ MOCON FED 44-7								
4301330666	11880	09S 17E 7	GRRV					
✓ PAIUTE FED 24-8								
4301330675	11880	09S 17E 8	GRRV					
✓ FEDERAL D M D 17-1								
4301330689	11880	09S 17E 17	GRRV					
✓ PAIUTE FEDERAL 43-8								
4301330777	11880	09S 17E 8	GRRV					
✓ PAIUTE FEDERAL 34-8								
4301330778	11880	09S 17E 8	GRRV					
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

UTAH

Monument Federal #33-22-8-17	Monument Butte	NW SE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			2295' FSL, 1950' FEL	Vernal	
Monument Federal #41-18-9-16Y	Monument Butte	NE NE	18	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	PND	Green River	U-68618			500' FNL, 660' FEL	Vernal	
Monument Federal #42-6-9-16Y	Monument Butte	SE NE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #42-20-9-16	Monument Butte	SE NE	20	9S	16E	Duchesne	UT	PND	Green River	U-52108				Vernal	
Monument Federal #43-6-9-16Y	Monument Butte	NE SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #43-19-9-18Y	8 Mile Flat	NE SE	19	9S	18E	Uintah	UT	PND	Green River	U-65635			2140' FSL, 500' FEL	Vernal	
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	9S	16E	Duchesne	UT	PND	Green River	U-52108				Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	U-65969			915' FSL, 759' FEL	Vernal	
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580		1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579		1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578		1980' FSL, 1980' FWL		Beluga
Monument State #31-2-9-17	Monument Butte	NW NE	2	9S	17E	Uintah	UT	PND	Green River	State ML-45555	43-013-31563		500' FNL, 1980' FEL		
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516		661' FNL, 664' FWL	Vernal	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675		660' FSL, 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778		660' FSL, 1980' FEL	Vernal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777		1958' FSL, 711' FEL	Vernal	Beluga
Pariette Bench #4 SWD	Pariette Bench	SW SE	7	9S	19E	Uintah	UT	SWD	Green River	U-017992	43-047-15681		660' FSL, 1980' FEL	Vernal	Pariette Bench
Pariette Bench Federal #14-5	Pariette Bench	SW SW	5	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31123		605' FSL, 479' FWL	Vernal	
Pariette Bench Federal #32-6	Pariette Bench	SW NE	6	9S	19E	Uintah	UT	OSI	Green River	U-50385	43-047-31554		2117' FNL, 2123' FEL	Vernal	
Pariette Bench Federal #41-7	Pariette Bench	NE NE	7	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31584		1008' FNL, 1282' FEL	Vernal	Pariette Bench
Pariette Bench Federal #43-6	Pariette Bench	NE SE	6	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31616		2044' FSL, 721' FEL	Vernal	
Pariette Bench Unit #2	Pariette Bench	SW NE	7	9S	19E	Uintah	UT	Oil	Green River	U-022684-A	43-047-15680		2030' FNL, 1830' FEL	Vernal	Pariette Bench
POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505		1980' FSL, 1980' FEL	Vernal	Beluga
POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506		660' FSL, 660' FWL	Vernal	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499		1980' FSL, 660' FWL	Vernal	Beluga
State #16-2	Monument Butte	NE NE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30552		871' FNL, 748' FEL		
Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562		660' FNL, 1980' FWL		Beluga
TXO Federal #1	Coyote Basin	SW NE	5	8S	25E	Uintah	UT	Oil	Green River	U-41376	43-047-31406		1918' FNL, 1976' FEL	Vernal	Coyote Basin
TXO Federal #2	Coyote Basin	SW SE	5	8S	25E	Uintah	UT	OTA	Green River	U-41376	43-047-31567		2085' FNL, 819' FEL	Vernal	Coyote Basin
Walton Federal #1	Monument Butte	SE SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15792		706' FSL, 704' FEL	Vernal	Jonah
Walton Federal #2-14	Monument Butte	NW NE	14	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15793		542' FNL, 1869' FEL	Vernal	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31003		537' FSL, 2092' FEL	Vernal	Jonah
Walton Federal #4-11	Monument Butte	SE NW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15795		1980' FNL, 1975' FWL	Vernal	Jonah



**EQUITABLE RESOURCES
ENERGY COMPANY**

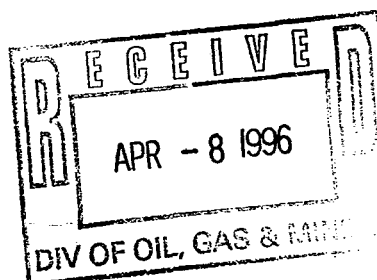
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR - 8 1996

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

Routing:

1	DEP 7-SJ	✓
2	DEP 58-FILE	✓
3	VLD (GIL)	✓
4	RJE	✓
5	DEP	✓
6	FILM	✓

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone (406) <u>259-7860</u>	phone (406) <u>259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-30675</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Seleo Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.
- DTS Sent to Ed Boucher - Trust Lands

FILMING

- UDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/604/10 BLM/BIA "Formal approval not necessary"

143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune DESERET NEWS

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	04/11/96

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL488200561
SCHEDULE	
START 04/11/96 END 04/11/96	
CUST. REF. NO.	
UIC-170	
CAPTION	

COPY

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-170
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES
ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL OF THE 44-7,
13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17,
31-17, 42-17, AND 33-17 WELLS LOCATED IN SECTIONS 7, 8, 16
AND 17, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE
COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE
ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and
Mining (the "Division") is commencing an informal adjudicative
proceeding to consider the application of Equitable Resources
Energy Company for administrative approval of the 44-7, 13-8,
24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-
17, 42-17, and 33-17 wells located in Sections 7, 8, 16 and 17,
Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah,
for conversion to Class II injection wells. The proceeding will be
conducted in accordance with Utah Admin. R. 649-10, Adminis-
trative Procedures.

The interval from 3190 feet to 5596 feet (Green River Forma-
tion) will be selectively perforated for water injection. The maxi-
mum requested injection pressure will be limited to 1856 PSIG
with a maximum rate of 500 BWPD.

Any person desiring to object to the application or other-
wise intervene in the proceeding, must file a written protest or
notice of intervention with the Division within fifteen days follow-
ing publication of this notice. If such a protest or notice of inter-
vention is received, a hearing will be scheduled before the
Board of Oil, Gas and Mining. Protestants and/or intervenors
should be prepared to demonstrate at the hearing how this
matter affects their interests.

DATED this 2nd day of April, 1996.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
R. J. Firth
Associate Director, Oil and Gas
48820050

NOTICE OF AGENCY ACTION CAUSE N

SIZE	
47 LINES	2.00 COLUMN
	RATE
	1.64
FEES	AD CHARGES
	154.16
TOTAL COST	
154.16	

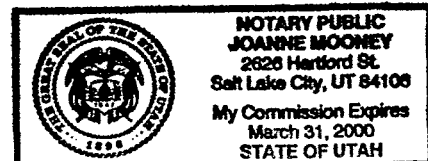
AFFIDAVIT OF PUBLICATION

CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED
ICE OF AGENCY ACTION CAUSE N FOR
IS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY
OR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS
SH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED
ALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 04/11/96 END 04/11/96

SIGNATURE

DATE 04/11/96



THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF EQUITABLE	:	ACTION
RESOURCES ENERGY COMPANY	:	
FOR ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-170
THE 44-7, 13-8, 24-8 , 33-8, 1-8, 11-16,	:	
22-16, 13-16, 11-17, POMCO #5,	:	
22-17, 31-17, 42-17, AND 33-17	:	
WELLS LOCATED IN SECTIONS 7, 8,	:	
16 AND 17, TOWNSHIP 9 SOUTH,	:	
RANGE 17 EAST, S.L.M., DUCHESNE	:	
COUNTY, UTAH, AS CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

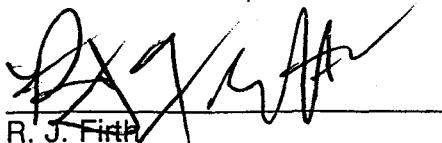
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5, 22-17, 31-17, 42-17, and 33-17 wells, located in Section 7, 8, 16 and 17, Township 9 South, Range 17 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of April 1996.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



R. J. Firth
Associate Director, Oil & Gas

**Equitable Resources Energy Company
44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5,
22-17, 31-17, 42-17, and 33-17 Wells
Cause No. UIC-170**

Publication Notices were sent to the following:


Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102-4126

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
April 2, 1996



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Larraine Platt
Secretary

Enclosure





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 2, 1996

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
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Ted Stewart
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Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 21, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Re: Application for Injection Wells
Sections 7, 8, 16 and 17
Township 9 South, Range 17 East
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the following listed wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.



Equitable Resources Energy Company
May 21, 1996
Page 2

2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.
3. Cement bond logs shall be run on the Monument Butte Federal 1-8, State NGC 11-16 and Pomco # 5 wells prior to conversion. Copies of the bond logs shall be submitted to the Division for review to determine if remedial cement work is necessary.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to be 'R.J. Firth', written over a horizontal line.

R.J. Firth
Associate Director

cc: Chuck Williams, Environmental Protection Agency
Bureau of Land Management, vernal

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Equitable Resources **Location:** Belugu Unit

Wells: 44-7,13-8,24-8,33-8,1-8,11-16,22-16,13-16,11-17,Pomco#5,22-17,31-17,42-17 and 33-17

Ownership Issues: The proposed wells are located in sections 7, 8 and 16, township 9 south, range 17 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Equitable has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The 14 wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 6000 feet, and were all cemented above the injection zone. The 1-8 and 11-16 wells are plugged and abandoned wells. The Pomco # 5 well is an old shut in producer, there are no cement bond logs on these three wells. Equitable has been notified that they must run bond logs on these wells and submit them to the Division prior to conversion. Cement bond logs are on file with the Division and verify reported cement tops on the other proposed injectors. The interval from 3190-5596 feet (Green River Formation) will be selectively perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 25 producing wells 5 plugged and abandoned wells, 5 shut in producers and 3 newly drilled wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. All of the plugged wells have adequate plugs. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field averages .87 psi/ft resulting in a maximum allowed surface pressure of 1975 psi. A maximum pressure of 1856 psig was requested and injection pressures for each of the injectors will be

maintained at this pressure. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Equitable Resources is the operator of the Belgu Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Equitable is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. Cement bond logs need to be run on the 1-8, 11-16 and pomco #5 wells. A casing pressure test needs to be conducted when the well is converted and a casing/tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue an approval to convert the wells and an injection permit. There are no special conditions or stipulations other than running the bond logs on the specified wells and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

05-21-96
Date

RECEIVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Water Injection
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other CONFIDENTIAL

2. NAME OF OPERATOR
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FSL & 1980' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-30675 DATE ISSUED 1995

5. LEASE DESIGNATION AND SERIAL NO.
U-74108

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
Beluga Unit

8. FARM OR LEASE NAME
Paiute Federal

9. WELL NO.
24-8

10. FIELD AND POOL, OR WILDCAT
Monument Butte/Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE SW Sec. 8, T9S, R17E

12. COUNTY OR PARISH
Duchesne 13. STATE
Utah

15. DATE SPUDDED 10-5-96 16. DATE T.D. REACHED n/a 17. DATE COMPL. (Ready to prod.) n/a 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* n/a 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5991' 21. PLUG BACK T.D., MD & TVD 5946' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY n/a ROTARY TOOLS n/a CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
n/a 25. WAS DIRECTIONAL SURVEY MADE
n/a

26. TYPE ELECTRIC AND OTHER LOGS RUN
n/a 27. WAS WELL CORED
n/a

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
Please see	original completion report				

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	3689.15'	3696.35' KB

31. PERFORATION RECORD (Interval, size and number)

No additional perforations added.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION <u>n/a</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>n/a</u>				WELL STATUS (Producing or shut-in) <u>SI WO Injuection</u>	
DATE OF TEST <u>n/a</u>	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
<u>n/a</u>							

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
n/a TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad

TITLE Operations Secretary

DATE 11-4-96

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
-----------	-----	--------	-----------------------------

TOP

BOTTOM

DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TRUE

VERT. DEPTH

No :DST's run.

Please see original completion report.

REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-74108

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

Painte Fed. #24-8

9. API Well No.

43-013-30675

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne Co. Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE SW 8-T9S-R17E

660' FSL, 1980' FWL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

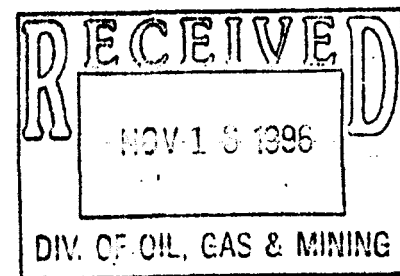
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other request for approval to inject
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well has been converted to a water injection well in accordance with the attached wellbore diagram and EPA Well Rework form. Water injection will commence when final approval has been received from the EPA, BLM, and Utah DOGM. This sundry notice is to request that approval to inject.

ORIGINAL: Bureau of Land Management (Vernal, UT) (Attention: Wayne Bankert)
COPY: Utah Division of Oil, Gas and Mining (Attention: Dan Jarvis)
COPY: U.S. EPA (Attention: Chuck Williams)



14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date November 12, 1996

(This space for Federal or State office use)

Title

Date

Approved by
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

WO fax credit denied. 9/97

Fax Note 7672

No. of Pages 6

Today's Date 11/11/96

Time 17:45

JOHN ZEITZ
BALCON
BELLING

From CRAIG STRATTON
Company PLS

Location VERNAL

Dept. Charge

Fax # 801-789-6944

Telephone # 801-789-6940

Original Disposition:

☐ Destroy

☐ Return

☐ Call for pickup

406-245-1361 406-259-7860

JOHN -

I LOOK FORWARD TO SEEING YOU IN THE NEXT
COUPLE OF DAYS

BEST,
CJS

PRODUCTION LOGGING SERVICES, INC.

BOTTOMHOLE PRESSURE SURVEY

COMPANY : Equitable Resources Energy Co.
FIELD.....: Monument Butte-Beluga Unit
WELL.....: Palute Federal 24-8
DATE.....: 11/09/96

* PRODUCTION LOGGING SERVICES, INC. *
* VERNAL, UTAH 84078 *
* (801) 789-6940 *

COMPANY NAME: EQUITABLE RESOURCES ENERGY CO.
DATE: 11/09/96
WELL I.D.: PAIUTE FEDERAL 24-8
FIELD I.D.: MONUMENT BUTTE-BELUGA UNIT
ENGINEER: L. ROBERTS

=====:
K.B. ELEVATION: 5350.00
G.L. ELEVATION: 5361.00
DATUM: MID-PERF AT 4602.00
CASING SIZE: 5-1/2" 15.5#
TOP PERF: 3762.00
BOTTOM PERF: 5442.00
NET SAND THICKNESS ..: N/A

=====:
BOMB HUNG AT: 4625.00
FLUID GRADIENT: N/A
INJECTION RATE: NEW COMPLETION
INJECTION PRESSURE ..: NEW COMPLETION
PRESSURE AT SWI: 550 PSIG
PRESSURE AT EOS: 550 PSIG

COMMENTS.....: GAUGE SET AT 4625.00 DURING TEST.
TIME ZERO IS ON BOTTOM AT 10:45 ON 11/09/96
END OF SURVEY IS OFF BOTTOM AT 09:10 ON 11/11/96
TOTAL SURVEY TIME WAS 46.43 HOURS

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

 * PRODUCTION LOGGING SERVICES, INC. *

Company ...: EQUITABLE RESOURCES ENERGY CO.
 Well I.D...: PAIUTE FEDERAL 24-8
 Field I.D.: MONUMENT BUTTE-BELUGA UNIT

Date: 11/09/96
 Run#: 1
 Page: 3

NO.	TIME		PRESSURE	
	HOURS	dt	PSIG	dp
27	13.0006	+0.5005	596.2312	+0.000
28	13.5011	+0.5005	595.9799	-0.251
29	14.0001	+0.4990	595.9799	+0.000
30	14.5005	+0.5005	595.7286	-0.251
31	14.9996	+0.4990	595.7286	+0.000
32	15.5015	+0.5019	595.7286	+0.000
33	16.0005	+0.4990	595.7286	+0.000
34	16.5010	+0.5005	595.7286	+0.000
35	17.0000	+0.4990	595.2261	-0.503
36	17.5005	+0.5005	595.2261	+0.000
37	18.0009	+0.5005	595.2261	+0.000
38	18.5000	+0.4990	595.2261	+0.000
39	19.0004	+0.5005	595.2261	+0.000
40	19.5009	+0.5005	595.2261	+0.000
41	19.9999	+0.4990	595.2261	+0.000
42	20.5018	+0.5019	595.2261	+0.000
43	21.0008	+0.4990	594.9749	-0.251
44	21.4999	+0.4990	594.9749	+0.000
45	22.0003	+0.5005	594.9749	+0.000
46	22.5008	+0.5005	594.9749	+0.000
47	22.9998	+0.4990	594.9749	+0.000
48	23.5003	+0.5005	594.9749	+0.000
49	24.0008	+0.5005	594.9749	+0.000
50	24.5012	+0.5005	594.9749	+0.000
51	25.0031	+0.5019	594.9749	+0.000
52	25.5007	+0.4976	594.9749	+0.000
53	25.9997	+0.4990	594.4724	-0.503
54	26.5002	+0.5005	594.4724	+0.000
55	27.0007	+0.5005	594.4724	+0.000
56	27.4997	+0.4990	593.9698	-0.503
57	28.0002	+0.5005	593.9698	+0.000
58	28.5006	+0.5005	593.9698	+0.000
59	28.9997	+0.4990	593.9698	+0.000
60	29.5001	+0.5005	593.9698	+0.000
61	30.0006	+0.5005	593.4673	-0.503
62	30.4996	+0.4990	593.4673	+0.000
63	31.0001	+0.5005	593.4673	+0.000
64	31.4991	+0.4990	592.7136	-0.754
65	31.9996	+0.5005	592.7136	+0.000
66	32.5000	+0.5005	592.7136	+0.000
67	33.0005	+0.5005	592.7136	+0.000
68	33.5010	+0.5005	592.4623	-0.251
69	34.0000	+0.4990	592.4623	+0.000
70	34.4990	+0.4990	592.4623	+0.000
71	35.0009	+0.5019	592.4623	+0.000
72	35.5000	+0.4990	592.4623	+0.000
73	36.0004	+0.5005	592.4623	+0.000
74	36.5009	+0.5005	592.4623	+0.000
75	36.9999	+0.4990	591.9598	-0.503
76	37.5004	+0.5005	591.9598	+0.000

 * PRODUCTION LOGGING SERVICES, INC. *

Company ...: EQUITABLE RESOURCES ENERGY CO.
 Well I.D.: PAIUTE FEDERAL 24-8
 Field I.D.: MONUMENT BUTTE-BELUGA UNIT

Date: 11/09/96
 Run#: 1
 Page: 4

NO.	HOURS	TIME	PRESSURE	
		dt	PSIG	dp
77	38.0008	+0.5005	593.2161	+1.256
78	38.5013	+0.5005	592.7136	-0.503
79	39.0003	+0.4990	592.7136	+0.000
80	39.5008	+0.5005	592.7136	+0.000
81	40.0013	+0.5005	592.7136	+0.000
82	40.5003	+0.4990	592.7136	+0.000
83	41.0008	+0.5005	592.7136	+0.000
84	41.4998	+0.4990	591.7085	-1.005
85	42.0017	+0.5019	591.7085	+0.000
86	42.5007	+0.4990	591.7085	+0.000
87	42.9997	+0.4990	591.7085	+0.000
88	43.5002	+0.5005	591.7085	+0.000
89	43.9992	+0.4990	591.7085	+0.000
90	44.5011	+0.5019	591.7085	+0.000
91	45.0002	+0.4990	591.7085	+0.000
92	45.5006	+0.5005	591.7085	+0.000
93	46.0011	+0.5005	591.7085	+0.000
94	46.4325	+0.4314	591.7085	+0.000

***** end data *****

 * PRODUCTION LOGGING SERVICES, INC. *
 * VERNAL, UTAH 84078 *
 * (801) 789-6940 *

COMPANY NAME...: EQUITABLE RESOURCES ENERGY CO.
 DATE: 11/09/96
 WELL I.D.: PAIUTE FEDERAL 24-8
 FIELD I.D.: MONUMENT BUTTE-BELUGA UNIT
 RUN #: 1
 ENGINEER: L. ROBERTS
 ZERO REFERENCE: SURFACE
 START DATE: 11/09/96
 START TIME: 10:45:00
 WELL STATUS...: SHUT-IN INJECTOR
 GAUGE INFO:
 I.D.: KUSTER PRESSURE GAUGE
 SERIAL #.....: 860835
 RANGE.....: 5150 PSIG @ 175°F

COMMENTS: GAUGE SET AT 4625' DURING TEST.

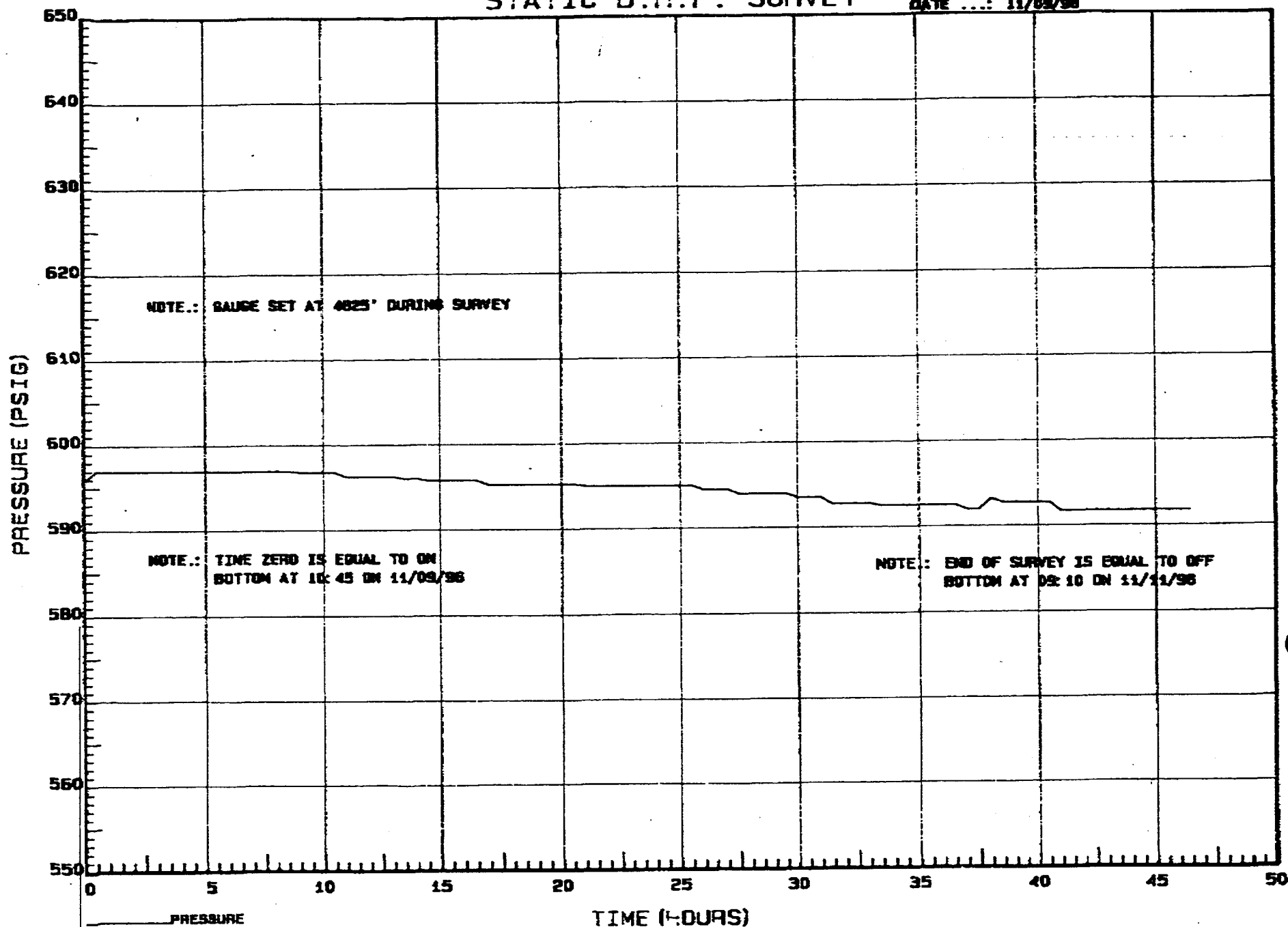
FILE #: 1

STATISTICS:

TIME(min): 0.00
 TIME(max): 46.43
 PRESSURE(min): 591.71
 PRESSURE(max): 596.98

NO.	HOURS	TIME dt	PSIG	PRESSURE dp
1	0.0000	+0.0000	595.7286	
2	0.5005	+0.5005	596.9849	+0.000
3	1.0024	+0.5019	596.9849	+1.256
4	1.5000	+0.4976	596.9849	+0.000
5	2.0004	+0.5005	596.9849	+0.000
6	2.5009	+0.5005	596.9849	+0.000
7	2.9999	+0.4990	596.9849	+0.000
8	3.5004	+0.5005	596.9849	+0.000
9	4.0008	+0.5005	596.9849	+0.000
10	4.4999	+0.4990	596.9849	+0.000
11	5.0003	+0.5005	596.9849	+0.000
12	5.5008	+0.5005	596.9849	+0.000
13	5.9998	+0.4990	596.9849	+0.000
14	6.5003	+0.5005	596.9849	+0.000
15	7.0008	+0.5005	596.9849	+0.000
16	7.4998	+0.4990	596.9849	+0.000
17	8.0003	+0.5005	596.9849	+0.000
18	8.5007	+0.5005	596.9849	+0.000
19	8.9997	+0.4990	596.9849	+0.000
20	9.5002	+0.5005	596.7337	-0.251
21	10.0007	+0.5005	596.7337	+0.000
22	10.4997	+0.4990	596.7337	+0.000
23	11.0002	+0.5005	596.7337	+0.000
24	11.5006	+0.5005	596.2312	-0.503
25	11.9997	+0.4990	596.2312	+0.000
26	12.5001	+0.5005	596.2312	+0.000

STATIC B.H.P. SURVEY



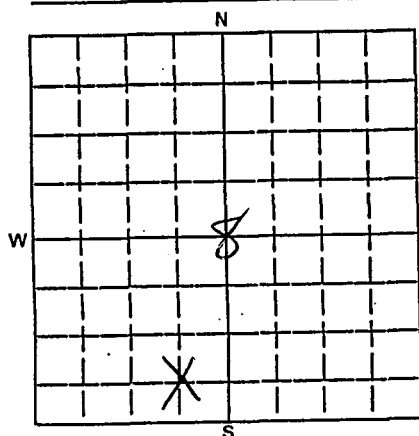
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE

Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, Montana 59102

NAME AND ADDRESS OF CONTRACTOR

Pennant Well Service
600 17th Street 1615 N
Denver, Colorado 80202LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRES

STATE

COUNTY

Utah

Duchesne County

PERMIT NUMBER

U-74108

SURFACE LOCATION DESCRIPTION

SE 1/4 OF SW 1/4 OF 1/4 SECTION 8 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 2055 ft. from (N/S) W Line of quarter section

and 591 ft. from (E/W) S Line of quarter section

WELL ACTIVITY

- ☐ Brine Disposal
☒ Enhanced Recovery
☐ Hydrocarbon Storage

Lease Name

Beluga Unit

Total Depth Before Rework

5991' KB

Total Depth After Rework

5991' KB

Date Rework Commenced

10/5/96

Date Rework Completed

10/9/96

TYPE OF PERMIT

- ☐ Individual
☐ Area

Number of Wells

Well Number

Paute Federal
24-8

WELL CASING RECORD - BEFORE REWORK

WELL CASING RECORD						Acid or Fracture Treatment Record
Casing		Cement		Perforations		
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)

WELL CASING RECORD - AFTER NEW ORLEANS PROJECT						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL

USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

Isolated individual zones & establish

int. rate into each zone. Pickup new

int. tubing & set ARROW Set-1 pkr

C-3689 KB. Load casing annulus

w/ 55 gallons Champion Cortron 2383

pkr fluid mixed w/ 68 BBLs 2% CERTIFICATION

KCL water.

DIL-SFL

FDL-ENL, SONIC

CBL-VDL

TD to Surface

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

John Zellitti

Senior Prod. Engr.

SIGNATURE

DATE SIGNED

11-11-96



EQUITABLE RESOURCES
ENERGY COMPANY
 BALCRON OIL DIVISION

WELL NAME: **Palute Federal #24-8**

FIELD: Monument Butte

FEDERAL LEASE NO.: U-74108

LOCATION: SE SW Sec.8, T9S, R17E

FOOTAGE: 2055' FWL, 591' FSL

COUNTY/STATE: Duchesne County, Utah

WORKING INTEREST: 0.91491728

PRODUCING FORMATION: Green River

COMPLETION DATE: 7/5/83

INITIAL PRODUCTION: 129 bbl.

OIL/GAS PURCHASER: Amoco/Universal

PRESENT PROD STATUS:

ELEVATIONS - GROUND: 5350' GL

TOTAL DEPTH: 5991' KB

DATE : 11/6/95 vk

API NO.: 43-013-30675

NET REVENUE INTEREST: 0.80471769 Oil

0.73108274 Gas

SPUD DATE: 2/18/83

OIL GRAVITY: 30

BHT:

KB: 5361' KB (11' KB)

PLUG BACK TD: 5946' KB

SURFACE CASING

STRING: 1

CSG SIZE: 8-5/8"

GRADE: K-55

WEIGHT: 36 #

LENGTH: 273' (6 jts)

DEPTH LANDED: 268' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 195 sxs Type II w/ 3% CC +
 14 #/sk Flocele

PRODUCTION CASING

STRING: 1

CSG SIZE: 5-1/2"

GRADE: K-55

WEIGHT: 15.5#

LENGTH: 5995.79' (149 jts)

DEPTH LANDED: 5991' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 250 sxs Halco Hi-Lift w/ 3% salt
 + 10 #/sk Gilsonite Tailed w/ 410
 sxs Thixotropic w/ 10% Calseal +
 1/4 #/sk Flocele + 5# Gilsonite

TUBING RECORD

SIZE/GRADE/WT.: 2-3/8" J-55 / 6.5#

NO. OF JOINTS: 118 Jts (3676.45')

SEAT NIPPLE: 2-7/8"x1.10'

ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.20'

PACKER SET AT: 3689' KB

Set PKR w/ 8" (10,000# Tension)

CEMENT TOP AT: 500' KB

PERFORATION RECORD

3762' - 3769'	6/7/83	4 SPF	28 holes	
3762' - 3769'	6/8/83	SQUEEZE w/ 50 sxs Class "H"		
		vanilla cement @ 3400 psi		
4025' - 4056'	5/8/83	2 SPF	63 holes	Y2
4077' - 4086'	5/8/83	2 SPF	19 holes	Y3
4106' - 4111'	5/8/83	2 SPF	11 holes	Y3
4619' - 4630'	4/27/83	2 SPF	23 holes	R2
4713' - 4740'	4/8/83	2 SPF	55 holes	R5
5414' - 5442'	3/18/83	2 SPF	57 holes	B1

ACID JOB / BREAKDOWN JOB

5414' - 5442'	3/18/83	Broke well 4300 psi at 2.5 bpm to 3700 psi at 6 bpm
4713' - 4740'	4/8/83	Break w/ rig pump @ 2800 psi
4619' - 4630'	4/27/83	Broke @ 4700# @ 5 bpm to 4100# @ 10 bpm
4025' - 4111'	5/8/83	Broke @ 3400 psi
3762' - 3769'	6/7/83	Broke @ 2400 psi, 1 bpm

Before Rework



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

Paiute Federal #24-8
SE SW Sec.8, T9S, R17E
Monument Butte
Duchesne County, Utah

11/6/95 vk

WELL DATA CONTINUED
PAGE TWO

FRAC JOB

5414' - 5442'	3/18/83	37,500 gal VersaGel w/ 72,500# 20/40 sand. ATP-1600, Max-1750, ATR-25 bpm, Max-26 bpm, ISIP-1620# 15Min-1530, 20 Min-1530 psi
4713' - 4740'	4/8/83	30,000 gal VersaGel w/ 65,000# 20/40. Flush w/ 5400 gal 2%KCl wtr. ATP-1690, Max-1950. ATR-17 bpm, Max-18. ISIP-1880, 15-1600, 20-1570
4619' - 4630'	4/27/83	10,980 gal VersaGel w/ 19,880# 20/40. ATP-4500, Max-5700, ATR-12, bpm, Max-13, ISIP-3400#, 15min-1100#, 20min-1050#. SCREENED OUT w/ 2050' sand in pipe, 5880# 6 ppg in form.
4025' - 4111'	5/8/83	6000gal prepad w/ ball sealers, balled off. 66,000 gal VersaGel w/ 151,000# 20/40. Flushed w/ 4440 gal 2% KCl wtr. ATP-1920#, Max-2200. ATR-48 bpm Max-54 bpm. ISIP-1660#, 15min-1420, 20min-1410 psi

Before Rework



Elev.GR - 5350' GL
Elev.KB - 5361' (11' KB)

5350' GL
5361' KB (11' KB)

WELLBORE DIAGRAM

DATE : 11/6/95 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 36 #
LENGTH: 273' (6 jts)
DEPTH LANDED: 268' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 195 sxs Type II w/ 3% CC +
14 #/sk Flocele

268' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5995.79' (149 jts)
DEPTH LANDED: 5991' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sxs Halco Hi-Lift w/ 3% salt
+ 10 #/sk Gilsonite Tailed w/ 410
sxs Thixotropic w/ 10% Calseal +
1/4 #/sk Flocele + 5# Gilsonite

CEMENT TOP AT: 500' KB

TUBING

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
NO. OF JOINTS: 157 jts (4806.35')
TUBING ANCHOR: NONE
NO. OF JOINTS:
SEATING NIPPLE: 2 7/8" x 1.1'
PERFORATED SUB: NONE
MUD ANCHOR: 2 7/8" x 29.55' w/NC
STRING LENGTH: 5419'
SN LANDED AT: 4818' KB

SUCKER RODS

POLISHED ROD: 1-1/2" X 22'
SUCKER RODS: 1 - 3/4" X 2' PONY
1 - 3/4" X 6' PONY
164 - 3/4" X 25' PLAIN
25 - 3/4" X 25' HPS
1 - 3/4" X 2' PONY
STRING LENGTH: 4751.5'
PUMP NUMBER: 2"x1-1/2"x16' RWBC
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT: LUFKIN 114
PRIME MOVER:

WELL WAS CORED
LOGS: DIL-SFL, FDL-CNL,
Sonic, CBL-VDL

ACID JOB /BREAKDOWN

5414' - 5442'	3/18/83	Broke well 4300 psi at 2.5 bpm to 3700 psi at 6 bpm
4713' - 4740'	4/8/83	Break w/ rig pump @ 2800 psi
4619' - 4630'	4/27/83	Broke @ 4700# @ 5 bpm to 4100# @ 10 bpm
4025' - 4111'	5/8/83	Broke @ 3400 psi
3762' - 3769'	6/7/83	Broke @ 2400 psi, 1 bpm

FRAC JOB

5414' - 5442'	3/18/83	37,500 gal VersaGel w/ 72,500# 20/40 sand. ATP-1600, Max-1750, ATR-25 bpm, Max-26 BPM, ISIP-1620# 15Min-1530 psi, 20 Min-1530 psi
4713' - 4740'	4/8/83	30,000 gal VersaGel w/ 65,000# 20/40. Flush w/ 5400 gal 2%KCl wtr. ATP-1690, Max-1950. ATR-17 bpm, Max-18. ISIP-1880,15-1600,20-1570
4619' - 4630'	4/27/83	10,980 gal VersaGel w/ 19,880# 20/40. ATP-4500, Max-5700, ATR-12 bpm, Max-13, ISIP-3400#, 15min-1100#, 20min-1050#. SCREENED OUT w/ 2050' sand in pipe, 5880# 6 ppg in.
4025' - 4111'	5/8/83	6000gal prepad w/ ball sealers, balled off. 66,000 gal VersaGel w/ 151,000# 20/40. Flushed w/ 4440 gal 2% KCl wtr. ATP-1920#, Max-2200. ATR-48 bpm Max-54 bpm. ISIP-1660#, 15min-1420, 20min-1410 psi

PERFORATION RECORD

3762' - 3769'	6/7/83	4 SPF 28 holes
3762' - 3769'	6/8/83	SQUEEZE w/ 50 sxs Class "H" vanilla cement @ 3400 psi
4025' - 4056'	5/8/83	2 SPF 63 holes Y3
4077' - 4086'	5/8/83	2 SPF 19 holes Y3
4106' - 4111'	5/8/83	2 SPF 11 holes Y2
4619' - 4630'	4/27/83	2 SPF 23 holes R2
4713' - 4740'	4/8/83	2 SPF 55 holes R5
5414' - 5442'	3/18/83	2 SPF 57 holes B1

3762' - 3769' SQUEEZED

4077' - 4086'
4025' - 4056'
4106' - 4111'

4619' - 4630'
4713' - 4740'

SN LANDED @ 4818' KB

5414' - 5442'
EOT LANDED @ 5430' KB

PBTD @ 5946' KB
TD @ 5991' KB

Before
Rework



EQUITABLE RESOURCES
ENERGY COMPANY
BALCON OIL DIVISION

Paiute Federal #24-8
SE SW Sec.8, T9S, R17E
2055' FWL, 591' FSL
Lease #U-74108
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5350' GL
Elev.KB - 5361' KB (11' KB)

Injection Wellbore Diagram

DATE: 10/28/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 36 #
LENGTH: 273' (6 jts)
DEPTH LANDED: 268' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 195 sxs Type II w/ 3% CC +
14 #/sk Flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5995.79' (149 jts)
DEPTH LANDED: 5991' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sxs Halco Hi-Lift w/ 3% salt
+ 10 #/sk Gilsomite Tailed w/ 410
sxs Thixotropic w/ 10% Calseal +
1/4 #/sk Flocele + 5# Gilsomite

CEMENT TOP AT: 500' KB

TUBING

SIZE/GRADE/WT.: 2-3/8" J-55 / 6.5#
NO. OF JOINTS: 118 Jts (3676.45')
SEAT NIPPLE: 2-7/8"x1.10'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.20'
PACKER SET AT: 3689' KB
Set PKR w/ 8" (10,000# Tension)

CONVERSION: 1.) Change out 2-7/8" tbg w/
New 2-7/8" tbg from Marta-Co.
2.) TIH w/ RBP & PKR and pump filtered
KCL water to establish injection rate
into each zone.
3.) Pump PKR fluid and Set Arrow Set-1 PKR
@ 3689'. Press. test csg to 1000 psi. Good.

PACKER FLUID: 55 Gal Champion Cortron 2383
PKR fluid mixed w/ 68 bbls 2%
KCL water. 10/9/96

MIT RECORD:

268' KB

TOC - 500' KB

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

3762' - 3769'	6/7/83	4 SPF	28 holes
3762' - 3769'	6/8/83	SQUEEZE w/ 50 s	
		vanilla cement @	
4025' - 4056'	5/8/83	2 SPF	63 holes
4077' - 4086'	5/8/83	2 SPF	19 holes
4106' - 4111'	5/8/83	2 SPF	11 holes
4619' - 4630'	4/27/83	2 SPF	23 holes
4713' - 4740'	4/8/83	2 SPF	55 holes
5414' - 5442'	3/18/83	2 SPF	57 holes

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
SET AT 3689' KB

3762' - 3769' SQUEEZED

4077' - 4086'
4025' - 4056'
4106' - 4111'

4619' - 4630'
4713' - 4740'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

5414' - 5442'

PBTD @ 5946' KB
TD @ 5991' KB

Wasatch Formation 5950 ft.

Post
Rework



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 20, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Administrative Approval for Conversion of Wells to Class II Injection Wells, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 31-17
Pomco 5
State NGC 11-16
Balcron Monument Federal 33-8
Balcron Monument Federal 13-8

Monument State 13-16-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 22-17
Paiute Federal 11-7
Monument Butte Federal 1-8
Paiute Federal 24-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.



Page 2

Equitable Resources Energy Company

November 20, 1996

Enclosed with this letter is the Underground Injection Control Permit for this well. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Firth", written over a horizontal line.

R. J. Firth
Associate Director

lwp

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-170

Operator: Equitable Resources Energy Company

Wells: Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Location: Sections 7,8,16 and 17, Township 9 South, Range 17
East,
County: Duchesne

Well Type: Enhanced Recovery (waterflood)

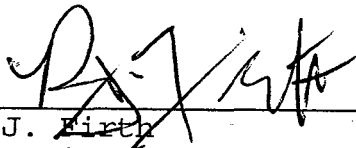
Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on
May 21, 1996

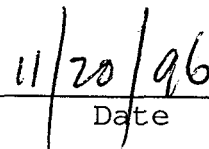


2. Maximum Allowable Injection Pressure: 1856 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 3190 feet to 5596 feet (Green River Formation)

Approved by:



R.J. Firth
Associate Director, Oil and Gas



Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102

(406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached list

5. Lease Designation and Serial No.
See attached list

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

See attached list

9. API Well No.

See attached list

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn. River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Spuite Federal #24-8 has been converted to water injection for secondary recovery of remaining oil reserves. The well was treated with 5 gallons of claymaster and 10 gallons of 940 surfactant mixed with 75 barrels of 25 KCl water at a temperature of approximately 160°F to clear the wellbore and formation of residual oil. The well was then placed on injection at a rate of approximately 800 STB/WD.

Water injection commenced on December 3, 1996.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining
COPY: U.S. Environmental Protection Agency (UIC Section)

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

(This space for Federal or State office use)

Title

Regulatory and
Environmental Specialist

Date January 13, 1997

Approved by
Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Federal

Field	Status Formation							Lease #	APT #	Footages	UNIT		
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Beluga
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Beluga
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Beluga
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Beluga
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Beluga
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	OIL	Green River	UTU-74108		2217' FSL, 2187 FWL	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Beluga
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	COMPL	Green River	U-72106		1926' FSL, 2000' FEL	Beluga
Monument Federal #44-8-17B	Monument Butte	SE SE	8	9S	17E	Duchesne	UT	PND	Green River	U-74398	43-013-30643	602' FSL, 598' FEL	Beluga
Monument State #11-16-9-17B (Re-entry)	Monument Butte	NW NW	16	9S	17E	Duchesne	UT	DRLG	Green River	State ML-21844	43-013-30616	660' FNL, 659' FWL	Beluga
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	SI	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL	Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	SI	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL	Beluga
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Beluga

1-10-97/nd

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31384	22-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31492	11-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-047-20252	E. RED WASH	08S	25E	5	INJW	N
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW	Y
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6	INJW	N
EQUITABLE RE	43-047-20245	AMERADA GUIN	08S	25E	7	INJW	Y
EQUITABLE RE	43-013-30666	44-7	09S	17E	7	INJW	Y 11880
EQUITABLE RE	43-013-31382	13-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30643	44-8-17B	09S	17E	8	INJW	Y 1523
EQUITABLE RE	43-013-31580	13-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30616	11-16-9-17B	09S	17E	16	INJW	Y 6130
EQUITABLE RE	43-013-31145	22-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30518	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-30516	11-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31428	31-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31581	33-17-9-17B	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31429	22-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31467	42-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW	Y
EQUITABLE RE	43-013-31425	14-2	09S	17E	2	INJW	Y
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD	Y
GIANT EXPLOR	43-037-20292	SENTINEL PEA	41S	26E	27	INJD	Y
GIANT EXPLOR	43-037-16452	9-24	41S	23E	9	INJI	Y
HAY HOT OIL	43-037-30521	MCCRACKEN PT	40S	23E	19	INJI	N
INLAND PRODU	43-013-30843	MONUMENT BUT	08S	16E	34	INJW	Y
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW	N
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	N
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW	N
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	N
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW	Y
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW	N
INLAND PRODU	43-013-30608	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30624	STATE 5-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30592	STATE 1-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW	Y
INLAND PRODU	43-013-30779	FED 15-28	08S	16E	28	INJW	N
INLAND PRODU	43-013-31372	14A-28	08S	16E	28	INJW	N

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
A ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
D DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
DMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844 Beluga	UTU75023X
MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145	UTU75023X
MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
BALCRON FEDERAL #22-10Y	SE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	

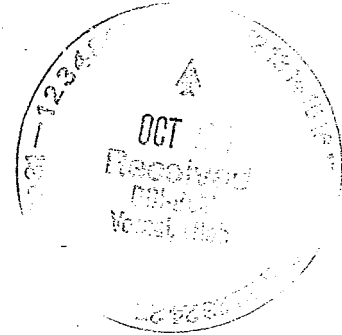


RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

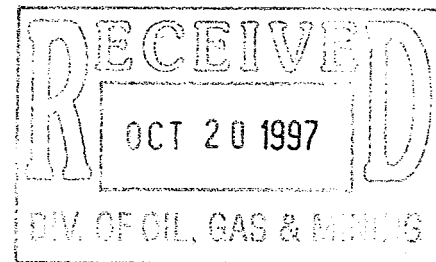
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau
Patsy Barreau

/pb
encls.



RECEIVED
OCT 10 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED
OCT 13 1997

Well name and number: See Attached **BELUGA (GREEN RIVER) UNIT**
Field or Unit name: See Attached API no. See Attached
Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached
Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR

Transfer approved by:

Name David M. McCoskery Company Equitable Resources Energy Co.
Signature [Signature] Address 1601 Lewis Avenue
Title Director of Operations & Engineering Billings, MT 59102
Date 9-30-97 Phone (406) 259-7860

Comments:

NEW OPERATOR

Transfer approved by:

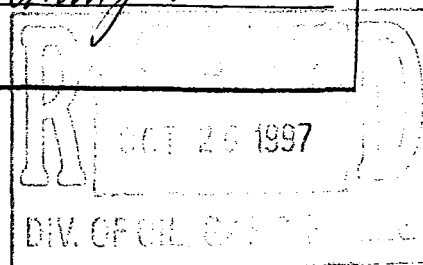
Name Chris A Potter Company Inland Production Company
Signature [Signature] Address 475 - 17th Street, Suite 1500
Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202
Date 9-30-97 Phone (303) 292-0900

Comments:

(State use only)

Transfer approved by [Signature] Title Manager

Approval Date 3-19-98



Injection wells

✓ MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555	
✓ MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145 mL3453B	UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2*.

NOTE: *Here is the letter you requested.*
Call if you need anything
further.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

March 2, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Beluga (Green River) Unit
Duchesne County, Utah

Gentlemen:

On February 26, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Beluga (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 2, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Beluga (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Beluga (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Beluga (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron/Fluid Chron

UT931:TAThompson:tt:3/2/98

Well Status Report
Utah State Office
Bureau of Land Management

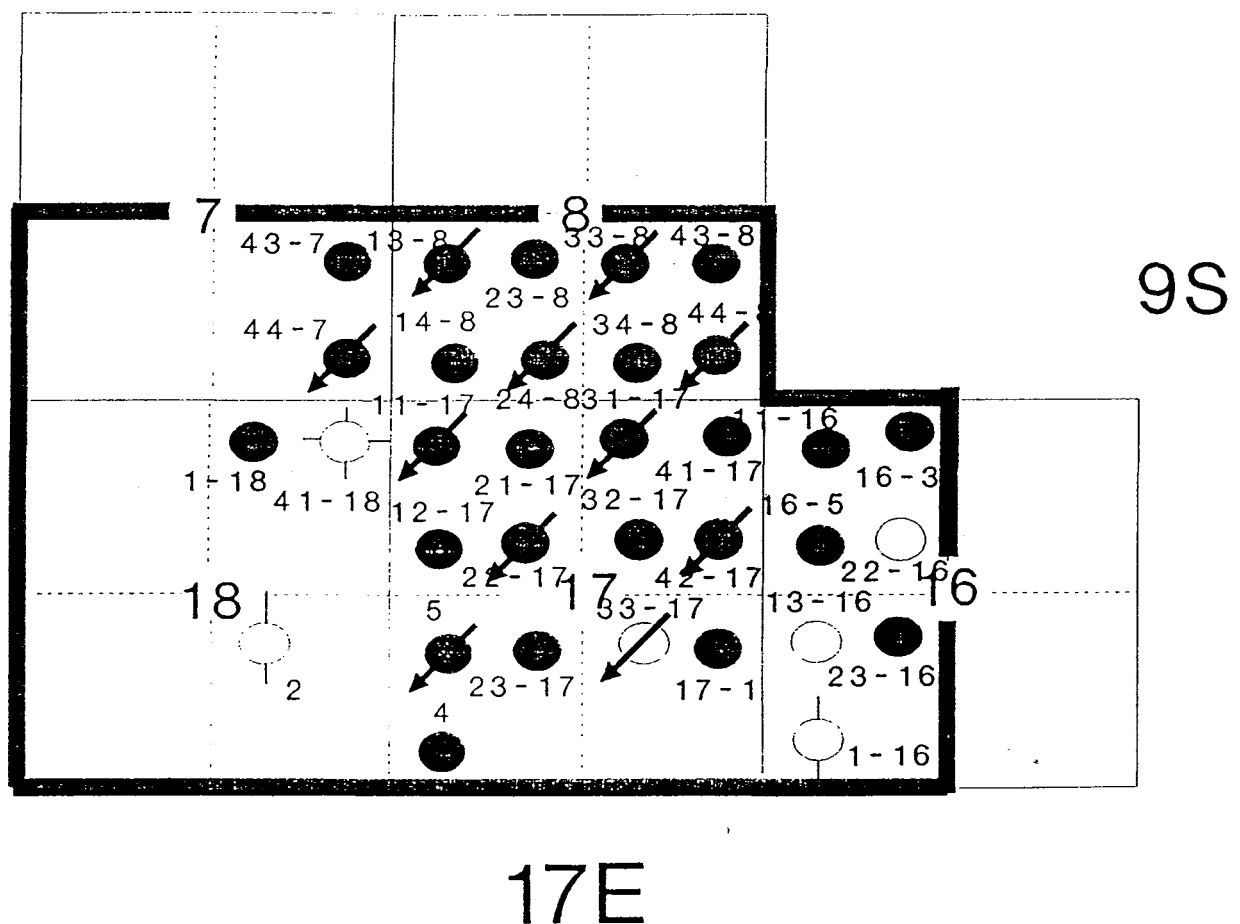
Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 STATE-NGC	NWNW	16	T	9S	R17E ABD (wiw)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516	11-17 PIUTE-FEDERAL	NWNW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431	12-17	SWNW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580	13-16-9-17B	NWSW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382	13-8 MONUMENT FED	NWSW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398	14-8 MONUMENT FED	SWSW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562	16-3 MORRIS SUE	NENW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570	16-5 DUNCAN-STATE	SWNW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689	17-1 FEDERAL-DMD	NESE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505	2 POMCO	NWSE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331387	21-17 MONUMENT FED	NENW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145	22-16-9-17B	SENW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429	22-17 MONUMENT FED	SENW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578	23-16-9-17B	NESW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582	23-17-9-17B	NESW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCROW FED	NENE	18	T	9S	R17E ABD (PA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO

11250

BELUGA (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



— UNIT OUTLINE (UTU75023X)

2,223.13 ACRES

SECONDARY ALLOCATION	
FEDERAL	89.74%
STATE	10.26%

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	6-KE
2-GLH	7-KAS
3-HPS	8-SI
4-VLD	9-FLE
5-JRB	

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator) INLAND PRODUCTION CO.
 (address) PO BOX 1446
ROOSEVELT UT 84066
 Phone: (435) 722-5103
 Account no. N5160

FROM: (old operator) EQUITABLE RESOURCES ENERGY
 (address) C/O CRAZY MTN O&G SVS'S
PO BOX 577
LAUREL MT 59044
 Phone: (406) 628-4164
 Account no. N9890

WELL(S) attach additional page if needed:

***BELUGA (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-30675</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 3-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-20-97)
- slh 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- ec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- c 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-98) X Quattro Pro s. DBASE (kic) 3-11-98.
- c 6. **Cardex** file has been updated for each well listed above. (3-11-98)
- c 7. Well **file labels** have been updated for each well listed above. (3-11-98)
- c 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (3-11-98)
- c 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Jec 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A/Jec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (~~FEE WELLS ONLY~~) Trust Lands - 80,000 Surety "Hartford Acc. & Indemnity Co."

- N/A/Jec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- N/A/Jec 2. A **copy of this form** has been placed in the new and former operator's bond files.
- N/A/Jec 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- Jec 1. Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/Jec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Vh 1. All attachments to this form have been **microfilmed**. Today's date: 4.14.98.

FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980311 Blm/SL Apr. 3-2-98.

Underground Injection Control (UIC)
Permit Application
Supplement Attachment To Form Four

Equitable Resources Energy Company, Western Region
Beluga Unit Waterflood
Duchesne County, Utah

Table Of Contents

List of Figures

Figure #1	Topographic Map - Area of Review
Figure #2	Water Injection Facilities Map
Figure #3	Produced Water Gathering Facilities Map
Figure #4	Surface And Lease Ownership
Figure #5	Produced Water Analysis Report
Figure #6	Johnson Water Supply Analysis Report Without Chemical
Figure #7	Johnson Water Supply Analysis Report With Chemical
Figure #8	Pressure Build Up Test

List of Exhibits

Exhibit-A	Area of Review Well List
Exhibit-B	Well Data Sheets and Scout Cards
Exhibit-C	Individual Sand Isopach Maps
Exhibit-D	Well Perforation Intervals
Exhibit-E	Fracture Pressure Data
Exhibit-F	Packer Fluid Recommendation
Exhibit-G	Core Analysis
Exhibit-H	Proposed Injection Well Surface Equipment
Exhibit-I	Proposed Injection Well Completion Diagrams
Exhibit-J	Plugging and Abandonment Diagrams
Exhibit-K	Evidence of Financial Ability
Exhibit-L	Existing EPA Permits Held by Equitable Resources Energy Company

**Underground Injection Control (UIC)
Permit Application
Supplement Attachment To Form Four**

Company: Equitable Resources Energy Company (EREC)
Project: Beluga Unit Waterflood
Monument Butte Field
Section 7,8,16,17,& 18, T9S, R17E
Duchesne County, Utah

A) AREA OF REVIEW METHODS.

- 1) The area of review is a fixed radius of 1/4 mile from the proposed Unit boundary and/or proposed injection wells. This area of review was selected to ensure that any future development in this area would be covered.

B) MAPS OF WELLS/AREA & AREA OF REVIEW.

- 1) Figure #1 - Topographic Map showing the area of review. A 1/4 mile radius from the proposed injection wells is outlined with all wells in the prescribed area located and identified.

Refer to Exhibit-A for a list of wells within the area of review.

- 2) Figure #2 - Proposed Water Injection Facilities Map.
- 3) Figure #3 - Proposed Produced Water Gathering Facilities Map.
- 4) Figure #4 - Surface and lease ownership map.
All surface within the area of review is owned by the Bureau of Land Management except for Section 16, T9S, R17E which is owned by the State of Utah.

C) CORRECTIVE ACTION PLAN AND WELL DATA.

- 1) A tabulation of well data is presented for each well within the area of review, refer to Exhibit-B, well data sheets & scout cards. Note that the proposed area of review for the Beluga Unit overlaps with the approved area of review for the Jonah Unit (Operated by Equitable Resources Energy Company) and Pleasant Valley Unit (Operated by Enserch Exploration Inc.). Please refer to the approved UIC permits for details on the wells in these areas.

Jonah Unit	Area Permit Number UT2642
Pleasant Valley Unit	Area Permit Number UT2771

- 2) It is proposed to inject water into multiple sands of the Green River Formation using injection packer assemblies which will be landed on tubing. The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor and the backside pressure will be monitored daily. If abnormal backside pressure is detected the well will be pulled to determine the source of the leak.

D) MAPS AND CROSS SECTIONS OF USDW.

-Does not apply to Class Two injection wells.

E) NAME AND DEPTH OF USDW.

- 1) There are no underground sources of drinking water or water wells in

the area of review. No fresh water sources will be affected by these water injection operations. The top of the saline water bearing horizon in this area is 4800 feet to 5000 feet mean sea level which falls in the Uintah Formation. This information was provided by Gil Hunt with the Division of Oil, Gas, & Mining, State of Utah. The average MSL elevation for the area of review is 5350 feet which basically puts the top of the saline water horizon at surface to approximately 500 feet. There have been no fresh water bearing zones encountered in this area of review.

F) MAPS AND CROSS SECTIONS OF GEOLOGIC STRUCTURE OF AREA.

- Does not apply to Class Two injection wells.

G) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES.

- 1) The flooding objectives of the proposed Beluga Unit waterflood are lenticular channel sandstones which are distributed throughout the Douglas Creek Member of the Green River Formation. These sands occur over 1550 feet of vertical section at an average depth range of 3750 feet to 5300 feet. They exhibit a fining upward grain size, typical of fluvial channel deposits, with an average thickness of 15 feet. Due to the multiple potential waterflood horizons in the Douglas Creek Member, Equitable Resources Energy Company is requesting approval to inject water into any or all of the occurring sands within this interval. Refer to Exhibit-C for individual sand isopach maps.

- 2) For specific injection intervals please refer to the perforation intervals of each proposed injection well outlined in Exhibit-D and the welldata sheets and wellbore diagrams provided in Exhibit-B.

- 3) Estimated Formation Tops: See Type Log for the Paiute Federal #43-8

Uintah Formation	Surface to 1450 ft.
Green River Formation	1450 ft to 5400 ft.
Douglas Creek Member	4560 ft to 5400 ft.
Douglas/Wasatch Transition	5400 ft to 5950 ft.
Wasatch Formation	5950 ft.

Note: The Douglas Creek interval is shown as a member within the Green River Formation.

- 4) The confining zones for the proposed injection intervals consists of mixed continental and lacustrine shales. The Douglas Creek Member is primarily interbedded sand stringers and shale which will act as isolation barriers for the waterflood. The top confining zone is the shales of the Green River Formation and the bottom confining zone is the shales of the Wasatch Formation. Refer to the Type Log for the Beluga Unit area which has been submitted with this permit.
- 5) The injection interval water quality is an analysis of the produced water from the Paiute Federal #11-17. This sample represents an average of the produced water from the Beluga Unit wells. The analysis shows 11,800 mg/l chloride, 9,471 mg/l sodium, and 25,085 mg/l TDS. Refer to Figure-5 for the produced water analysis report.
- 6) The average fracture gradient for the Douglas Creek Member sands is 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. Refer to Exhibit-E for pressure and gradient data.
- 7) Calculations for the submitted frac gradients are based on the initial shut in pressures obtained from the frac jobs performed on the Beluga Unit wells. Fracture treatment records show that the frac sand was

displaced with 2% KCl water. The hydrostatic gradient for the 2% KCl water was calculated at 0.43836 psig/ft. This gradient was used to calculate the hydrostatic head of the KCl water and was added to the ISIP. The fracture gradient was then calculated by dividing the sum of these pressures by the average of the perforation depth.

$$\text{Frac Gradient} = (\text{ISIP} + 0.43836 \text{ psig/ft}(\text{Depth}))/\text{Depth}$$

- 8) Cement Bond Logs for the proposed water injection wells and a Beluga Unit Type Log have been enclosed. Cement bond logs for the newly drilled wells will be submitted to the EPA as soon as available.
- 9) The proposed water injection wells were drilled with a rotary rig using a conventional water based mud and/or an air mist to an average total depth of 5800 feet. Production casing was run through the productive sands of the Green River Formation and cemented to a point well above the upper most sand. The wells were then perforated, hydraulically fractured, and put on production. Refer to the well data sheets presented in Exhibit-B for specific completion details of each well.

H) OPERATING DATA.

- 1) Average water injection volume of 250 STB/WD.
Maximum water injection volume of 500 STB/WD.
- 2) EREC is requesting a maximum injection pressure of 1856 psig based on fracture pressure gradient calculations until step rate test studies can be performed. The average fracture gradient for the Douglas Creek Member sands is calculated at 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. However, due to the difference in depth and fracture gradients between the Y-Zones and R-Zones EREC is requesting a maximum injection pressure of 1856 psig based on the fracture gradient and depth of the Y-Zones. The average fracture gradient for the Y-Zones only is calculated at 0.898974 psig/ft. Using the average depth of the shallowest Y-Zone perforations of 3982 feet, the formation parting pressure is calculated at 1856 psig for the Y-Zones. The average fracture gradient for the remaining zones (Excluding Y-Zones) is calculated at 0.866360 psig/ft. Using the average depth of the shallowest perforations for the remaining zones of 4553 feet, the formation parting pressure is calculated at 1973 psig. Thus, by using the lesser of the two calculated formation parting pressures of 1856 psig for a maximum injection pressure, it is reasonable to assume that the formation will not propagate a fracture during injection operations.
- 3) The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor (Cortron R-2383) supplied by Champion Technologies, Inc. The recommended chemical will be mixed with fresh water at a concentration of two percent by volume. A diesel blanket of approximately one barrel will be placed on the backside to prevent the valves from freezing. Refer to Exhibit-F for the recommendation of packer fluid.
- 4) The injection water for the Beluga Unit waterflood will be fresh potable water supplied by Johnson Water Association out of Myton, Utah. This water will be piped from the Johnson water facility approximately 7.5 miles to the Jonah Unit through a six inch fiberglass water supply line which is owned and operated by EREC. It is proposed to extend this line approximately two miles to the Beluga Unit waterflood facilities. The source for this water supply is the Starvation Reservoir which is owned by the Bureau of Reclamation, Central Utah Project. The water is gathered from the Strawberry and Duchesne Rivers into the reservoir just west of the city of Duchesne, Utah and sold accordingly. The analysis for this

water shows 1200 mg/l chloride and 2548 mg/l TDS with a specific gravity of 1.005. Chemicals will be added to the water to reduce oxygen and to prevent corrosion and scaling. The proposed chemicals will be supplied by Champion Technologies out of Vernal, Utah. Refer to Figure-6 and Figure-7 for the analysis of the Johnson water supply.

- 5) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the reservoir. When it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted.

I) FORMATION TESTING PROGRAM.

- 1) The porosity of the injection sands averages approximately 12% with a permeability range from 0.1 to 16 millidarcy. The porosity is determined using compensated neutron/density porosity logs and core analysis. The core analysis is from the Allen Federal #34-5, Paiute Federal #24-8, and the Paiute Federal #34-8. The Allen Federal #34-5 well is located outside the Beluga Unit waterflood boundary and the other two are within the unit. These wells represent similar conditions for depositional environment, and reservoir characteristics for the Beluga Unit. Refer to Exhibit-G for the core analysis.
- 2) A mechanical integrity test will be conducted on all proposed water injection wells prior to injection. The casing will be integrity tested by setting a tubing conveyed packer just above the perforations and pressuring the annulus to 1000 psig. The pressure will be held for a one hour test. The results of the mechanical integrity tests will be submitted to the EPA prior to water injection.
- 3) Fracture treating rates, average and maximum pressure, ISIP, and frac gradients have been tabulated for the Beluga Unit and are presented in Exhibit-E and on the welldata sheets in Exhibit-B.
- 4) The present reservoir pressure through out the Beluga Unit ranges from a normal pressured reservoir at 2100 psig to depleted conditions at 900 psig. Refer to Figure-8 for a recent pressure build up test performed on the Monument Federal #42-17 in the R2 zone.
- 5) A step rate test will be performed on at least one proposed injection well to determine the formation parting pressure and to more accurately define the maximum allowable injection pressure. It is proposed to perform individual step rate tests on the Y-Zones and R-Zones to better understand the differences in formation parting pressures and to assure that the maximum requested injection pressure does not propagate fractures in any zone during the injection operations.

J) STIMULATION PROGRAM.

- Refer to individual well data sheets for well stimulation and fracture data.

K) INJECTION PROCEDURES.

- 1) The injection procedure for the Beluga Unit waterflood will be as follows:
 - Water from the Johnson Water Association and/or produced water will be piped to the proposed water injection plant located at the Paiute Federal #24-8 well location.
 - The water will be filtered with 50 and 10 micron filters before entering the water storage tanks at the water injection plant.
 - Chemical will be added for oxygen, corrosion, and scaling.
 - A triplex injection pump will be used to pressurize the water to approximately 2300 psig plant pressure.
 - The pressurized water will travel through an injection manifold and

- out to the well feed lines.
 - Each feed line will supply one injection well.
 - Each injection well will be equipped with a flowmeter, choke valve check valve, water filter, tubing and casing annulus pressure gauge.
 - The water will be filtered with 5 micron filters before entering the tubing.
 - The water will pass down the tubing, past the packer to the perforations.
 - Tracer profiles will be run approximately every 6 months which will indicate the percentage of water exiting each set of perforations.
- 2) The injection facility will be equipped with pressure monitoring and safety shut-down devices to protect against high or low pressure failures. It will also have tank level, oil, temperature, and other safety shut-down devices.

L) CONSTRUCTION PROCEDURES.

- 1) It is proposed to drill or re-enter the following wells:

Drill the Monument Federal #23-17B	NE SW Sec.17, T9S, R17E
Re-enter the Monument Butte Fed. #1-8	NW SW Sec.8 , T9S, R17E
Re-enter the State NGC #11-16	NW NW Sec.16, T9S, R17E

- 2) The Monument Federal #23-17B will be drilled and completed similar to the Monument Federal #13-16B, #22-16B, #23-16B, and #33-17B wells. The well will be completed as an oil production well.
- 3) The Monument Butte Federal #1-8 and State NGC #11-16 will be re-entered using a workover rig and power swivel. The wells will be cleaned out to plugback TD and recompleted in additional zones. Refer to the wellbore diagrams presented in Exhibit-B and the proposed injection well diagrams presented in Exhibit-H.

M) CONSTRUCTION DETAILS.

- 1) Refer to Exhibit-I for the proposed well surface injection equipment.
- 2) Refer to Exhibit-B for well data sheets, wellbore diagrams, and scout cards for all wells in the proposed area of review. Refer to Exhibit-H for proposed injection well diagrams. Refer to approved UIC area permits for the Jonah Unit (UT2642) and Pleasant Valley Unit (UT2771) for additional information on wells in the overlapping area of reviews.
- 3) A 25'x 30' water injection plant will be constructed on the location of the Paiute Federal #24-8 proposed water injection well. The water injection plant will be equipped with a produced water gathering and filtering system to reinject produced water as required. High pressure steel water injection lines will be laid and buried from the injection plant to each of the proposed water injection wells.
- 4) The injection wells will be equipped with 2 7/8 inch tubing and an Arrow Set-1 packer set in tension to isolate the injection zones. The packer will be set within 100 feet of the top perforation and will be tested for mechanical integrity. Refer to Exhibit-H for proposed packer setting depths of each water injection well.
- 5) Results of mechanical integrity tests and step rate tests will be submitted to the EPA along with well rework forms for each proposed water injection well prior to injection.

N) CHANGES IN INJECTION FLUID.

- 1) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the formation. When

it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted. At this time it is not feasible to make estimates as to the volume or quality of the produced water.

O) PLANS FOR WELL FAILURES.

- 1) All injection wells and related facilities will be monitored daily for integrity. The backside pressure will be checked daily and if abnormal backside pressure is detected the well will be investigated to determine the source of the leak. If a casing leak is found the leak will be isolated and squeezed with cement. The casing will be checked for mechanical integrity to ensure that the squeeze job repaired the leak. If a leak cannot be repaired the well will either be returned to production and pumped off or plugged and abandoned according to the procedure outlined in Section-Q.

P) MONITORING PROGRAM.

- 1) The waterflood will be monitored through the existing oil production wells. Each production well will be monitored for waterflood response and records of daily oil and water production will be kept. Fluid levels will be shot when possible to monitor reservoir pressure and flood advancement. Refer to Figure-1 for the location of these oil production wells.

Q) PLUGGING AND ABANDONMENT PLAN.

- 1) The P&A plan proposed consists of running into the well with tubing and washing the well out to TD to ensure that the perforations are clear. If the well is not dead, mud will be mixed on location to a sufficient weight for killing the well. The mud will be circulated down the tubing and into the casing until the water has been displaced and/or the well has been killed. The well will then have a balanced cement plug using approximately 260 sacks of class-G cement placed over the Douglas Creek Member of the Green River Formation (i.e. over the perforation interval) from TD to a point at least 300 feet above the uppermost perforation. The top of the first cement plug will be at a depth of approximately 3800 feet. The tubing will be pulled out of the hole and the production casing will be perforated for two feet with four shots per foot at a point 100 feet below the surface casing shoe. Circulation will be established to surface, down the casing & up the annulus via the perforations. Cement will be circulated to fill the production casing and the annulus from the perforations to the surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface and the bottom will be 100 feet below the surface casing shoe. A permanent marker will be set identifying the well name, lease, location, elevation, and plugging date.
- 2) Refer to Exhibit-J for plugging and abandonment plan and diagrams.

R) NECESSARY RESOURCES.

- 1) Refer to Exhibit-K for evidence of financial ability to plug and abandon the proposed injection wells.

S) AQUIFER EXEMPTION.

-No aquifer exemption is requested.

T) EXISTING EPA PERMITS.

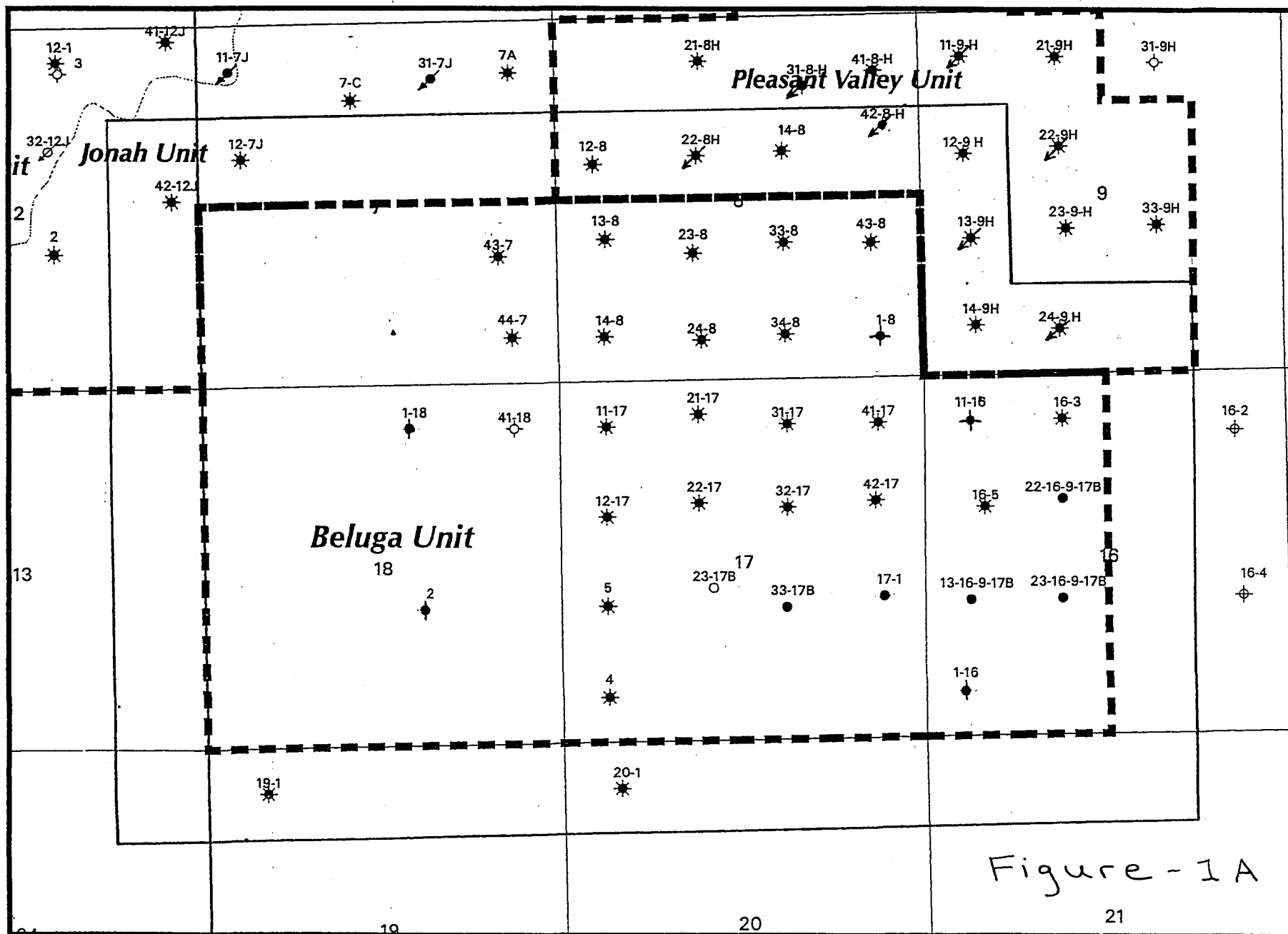
- 1) Refer to Exhibit-L for existing EPA permits held by Equitable Resources Energy Company, Western Region.

U) DESCRIPTION OF BUSINESS.

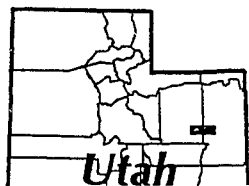
- 1) Equitable Resources Energy Company is an independent oil and gas production company located in Billings, Montana. EREC employs engineers, geologists, and a field staff with the knowledge and technical experience required to maintain and operate the proposed facilities.

R16E

R17E



T9S



----- Unit Boundaries
 _____ Area Of Review



Equitable Resources Energy Company

Beluga Unit

Figure 1

Duchesne County, Utah

Well spot map/Area of review

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>PAUTE Fd 248</u>	API Number: <u>43-013-30675</u>
Qtr/Qtr: <u>SE/SW</u> Section: <u>8</u>	Township: <u>9S</u> Range: <u>17E</u>
Company Name: <u>TILGRO PRODUCTION CO</u>	
Lease: State <u>Utah</u> Fee <u> </u>	Federal <u><input checked="" type="checkbox"/></u> Indian <u> </u>
Inspector: <u>Dennis J. Lynn</u>	Date: <u>10-04-01</u>

Initial Conditions:

Tubing - Rate: Pressure: 1700 psiCasing/Tubing Annulus - Pressure: 1160 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1160</u>	<u>1700</u>
5	<u>1160</u>	<u>1700</u>
10	<u>1160</u>	<u>1700</u>
15	<u>1160</u>	<u>1700</u>
20	<u>1160</u>	<u>1700</u>
25	<u>1160</u>	<u>1700</u>
30	<u>1160</u>	<u>1700</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1700 psiCasing/Tubing Annulus Pressure: 1160 psi

COMMENTS: Tested for 5 year rule @ 10:45 AM. Injecting @
71.91 BPD and 780.7 Total.

Brent Cook
 Operator Representative

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. UTU-74108	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection		7. UNIT AGREEMENT NAME BELUGA	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME PAIUTE FED 24-8-9-17	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. PAIUTE FED 24-8-9-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE/SW Section 8, T09S R17E 591 FSL 2055 FWL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA SE/SW Section 8, T09S R17E	
14. API NUMBER 43-013-30675	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5350 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> 5 Year MIT	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A 5 year MIT was conducted on the subject well. On 10/2/01 Mr. Al Craver w/ EPA and Mr. Dennis Ingram w/ State DOGM was notified of the intent to conduct a MIT the casing. On 10/4/01 the casing was pressured to 1060 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram was there to witness the test. The well is shut in and waiting on permission to inject.

COPIES SENT TO OPERATOR
10-15-01
EHO

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-15-01

By: [Signature]

RECEIVED

OCT 17 2001

DIVISION OF
OIL, GAS AND MINING

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell
Krishna Russell

TITLE

Production Clerk

DATE

10/9/01

cc: BLM

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency

Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW

999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: *[Signature]* Date: 10 / 4 / 01

Test conducted by: Brent Cook

Others present: _____

Well Name: <u>Piute Fed 24-8</u>	Type: <u>(ER)</u> SWD	Status: AC TA UC
Field: <u>Beluga</u>		
Location: <u>24</u> Sec: <u>8</u> T: <u>9</u> N/S R: <u>17</u> E/W	County: <u>Duck</u> State: <u>UT</u>	
Operator: <u>Inland Production</u>		
Last MIT: <u>11 / 13 / 96</u>	Maximum Allowable Pressure: <u>1855</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No

Initial test for permit? ☐ Yes ☒ No

Test after well rework? ☐ Yes ☒ No

Well injecting during test? ☒ Yes ☐ No If yes, rate: 72 bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial pressure	<u>1700</u> psig	psig	psig
End of test pressure	<u>1700</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1160</u> psig	psig	psig
5 minutes	<u>1160</u> psig	psig	psig
10 minutes	<u>1160</u> psig	psig	psig
15 minutes	<u>1160</u> psig	psig	psig
20 minutes	<u>1160</u> psig	psig	psig
25 minutes	<u>1160</u> psig	psig	psig
30 minutes	<u>1160</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Denno L. Siga

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____

Date: ____/____/____

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why? _____

Possible violation identified? ☐ YES ☐ NO

If YES, what _____

If YES - followup initiated? ☐ YES _____

☐ NO - why not? _____

☐ Data Entry

☐ Compliance Staff

☐ 2nd Data Entry

☐ Hardcopy Filing

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-2500

METER

EPA # WT 2798-04306

TAKEN OFF
11:15 A.M.

CHART PUT ON
10:45 A.M.

LOCATION

REMARKS

Piavte Fed 24-8
A-12



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*
Title: *Perk. Services Manager*

Approval Date: 9-20-04Comments: Note: Indian Country wells will require EPA approval.RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

CA No.

Unit:

BELUGA (GREEN RIVER)

WELL(S)								
NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MOCON FED 44-7	07	090S	170E	4301330666	11880	Federal	WI	A
MON FED 44-8-9-17B	08	090S	170E	4301330643	11880	Federal	WI	A
PAIUTE FED 24-8	08	090S	170E	4301330675	11880	Federal	WI	A
PAIUTE FEDERAL 43-8	08	090S	170E	4301330777	11880	Federal	OW	P
PAIUTE FEDERAL 34-8	08	090S	170E	4301330778	11880	Federal	OW	P
MAXUS FEDERAL 23-8	08	090S	170E	4301331196	11880	Federal	OW	P
MON FED 13-8	08	090S	170E	4301331382	11880	Federal	WI	A
FEDERAL 14-8	08	090S	170E	4301331398	11880	Federal	OW	P
A ANDERSON ST 1-16	16	090S	170E	4301315582	11880	State	OW	P
SUE MORRIS 16-3	16	090S	170E	4301330562	11880	State	OW	P
D DUNCAN ST 16-5	16	090S	170E	4301330570	11880	State	OW	P
MON ST 11-16-9-17B	16	090S	170E	4301330616	11880	State	WI	A
MON ST 22-16-9-17B	16	090S	170E	4301331145	11880	State	WI	A
POMCO 5	17	090S	170E	4301330499	11880	Federal	WI	A
POMCO 4	17	090S	170E	4301330506	11880	Federal	OW	P
PAIUTE FED 11-17	17	090S	170E	4301330516	11880	Federal	WI	A
FEDERAL D M D 17-1	17	090S	170E	4301330689	11880	Federal	OW	S
MONUMENT FED 21-17	17	090S	170E	4301331387	11880	Federal	OW	P
FEDERAL 1-18	18	090S	170E	4301330332	11880	Federal	OW	TA
POMCO 2	18	090S	170E	4301330505	11880	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If NO, the operator was contacted on:

- 6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
- The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: U-74108
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: BELUGA UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: PAIUTE 24-8-9-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 591 FSL 2055 FWL		9. API NUMBER: 4301330675
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 8, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/02/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

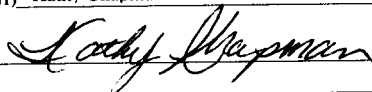
On 9-26-06 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above well. Permission was give at that time to perform the test on 9-28-06. On 9-28-06 the csg was pressured up to 12000 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1690 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20798-04306 API# 43-013-30675.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



DATE 10/02/2006

(This space for State use only)

**RECEIVED
OCT 03 2006
DIV. OF OIL, GAS & MINING**

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 09/12/2006
Test conducted by: Timothy J. Ruz
Others present: _____

Well Name: <u>WTE 24-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT Butte</u>		
Location: <u>SE/4</u> Sec: <u>8</u> T <u>9</u> N (S) R <u>17</u> (E) W County: <u>Dakota</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>		Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☐ No
Test after well rework? ☐ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ 0 _____ psig

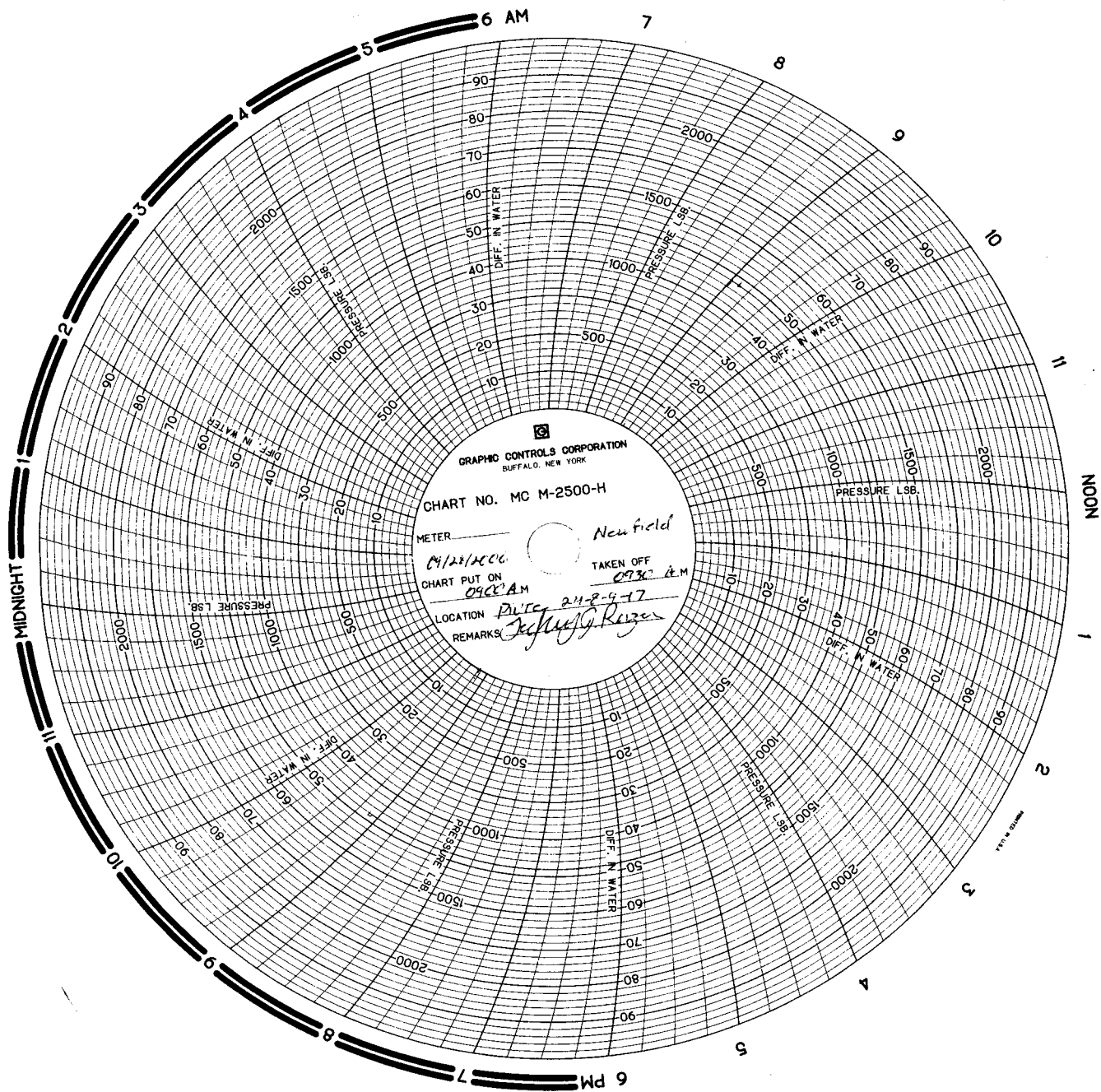
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1690</u> psig	psig	psig
End of test pressure	<u>1690</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1200</u> psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig
30 minutes	<u>1200</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74108
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: BELUGA UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 591 FSL 2055 FWL		8. WELL NAME and NUMBER: PAIUTE FED 24-8
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW, 8, T9S, R17E		9. API NUMBER: 4301330675
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/19/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had major workover procedures performed (isolation packer), attached is a daily workover status report on 03-12-09 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 03-12-09. On 03-12-09 the csg was pressured up to 1090 psi g and charted for 30 minutes with not pressure loss. The well was not injecting during the test. The tbq pressure was 800 psig during the test. There was not an EPA representative available to witness the test.

EPA UT20798-04306
API 43-013-30675

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech
SIGNATURE DATE 03/19/2009

(This space for State use only)

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MAR 25 2009

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****PAIUTE 24-8-9-17****1/1/2009 To 5/30/2009****3/10/2009 Day: 1****Workover**

NC #3 on 3/9/2009 - MIRUSU. ND BOP. RU rig floor. Release Pkr. Flush tbg w/ 40 bbls fresh water w/ biocide @ 250°. Drop std valve down tbg & push to bottom w/ sandline. Pressure test tbg to 3000 psi w/ 20 bbls water. Good test. RU sandline & retrieve std valve. Made 3 attempts to retrieve std valve w/ no luck. TOH tallying w/ 118- jts 2 7/8, SN, Pkr. Bottom 3- jts tbg full of scale. PU TIH w/ 4 3/4 bit, 5 1/2 scraper, 118- jts 2 7/8. SDFD.

3/11/2009 Day: 2**Workover**

NC #3 on 3/10/2009 - Flush tbg w/ 60 bbls water @ 250°. PU TIH w/ 11- jts 2 7/8. TOH w/ 128- jts 2 7/8, bit & scraper. RU Perforators LLC to set Arrow-Pak @ 3993'. RD Perforators. PU TIH w/ stinger, 2 3/8x 2 7/8 x- over, 2 3/8 SN, 2 7/8 x 2 3/8 x- over, 8- jts 2 7/8, Arrowset Pkr w/ on/off skirt, 118- jts 2 7/8, 8', 10', X 2 7/8 tbg subs, 1- jt 2 7/8. Drop std valve down tbg. Pressure test tbg to 3000 psi. Held solid for 1 hr. RU sandline to retrieve std valve. RD sandline. RD rig floor. Pump 70 bbls fresh water w/ pkr fluid down csg. ND BOP. Set Arrowset Pkr w/ 18000 tension & sting into Arrow-Pak. Pressure test csg & Pkr to 1300 psi. Had small bleed off. Leave 1480 psi on csg. SDFD.

3/12/2009 Day: 3**Workover**

NC #3 on 3/11/2009 - Check pressure on csg. Pressure @ 1160 psi. Held solid for 1 hr. RDMOSU. READY FOR MIT!!

3/13/2009 Day: 4**Workover**

Rigless on 3/12/2009 - On 3/12/09 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well (Piaute Fed. 24-8-9-17). Permission was given at that time to perform the test on 3/12/09. On 3/12/09 the csg was pressured up to 1090 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 800 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20798-04306 API# 43-013-30675

Pertinent Files: Go to File List

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 3 / 12 / 2009
Test conducted by: test Whithead
Others present: _____

Well Name: <u>PALMER FEDERAL 24-8-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>MONUMENT BUTTE</u>		
Location: <u>SE / SW</u> Sec: <u>8</u> T <u>9</u> N / <u>S</u> R <u>17</u> E / W	County: <u>DUCHESSNE</u> State: <u>WY</u>	
Operator: <u>NEW FIELD EXPLORATION</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u>1855</u> PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>800</u> psig	psig	psig
End of test pressure	<u>800</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1090</u> psig	psig	psig
5 minutes	<u>1090</u> psig	psig	psig
10 minutes	<u>1090</u> psig	psig	psig
15 minutes	<u>1090</u> psig	psig	psig
20 minutes	<u>1090</u> psig	psig	psig
25 minutes	<u>1090</u> psig	psig	psig
30 minutes	<u>1090</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test ? ☐ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

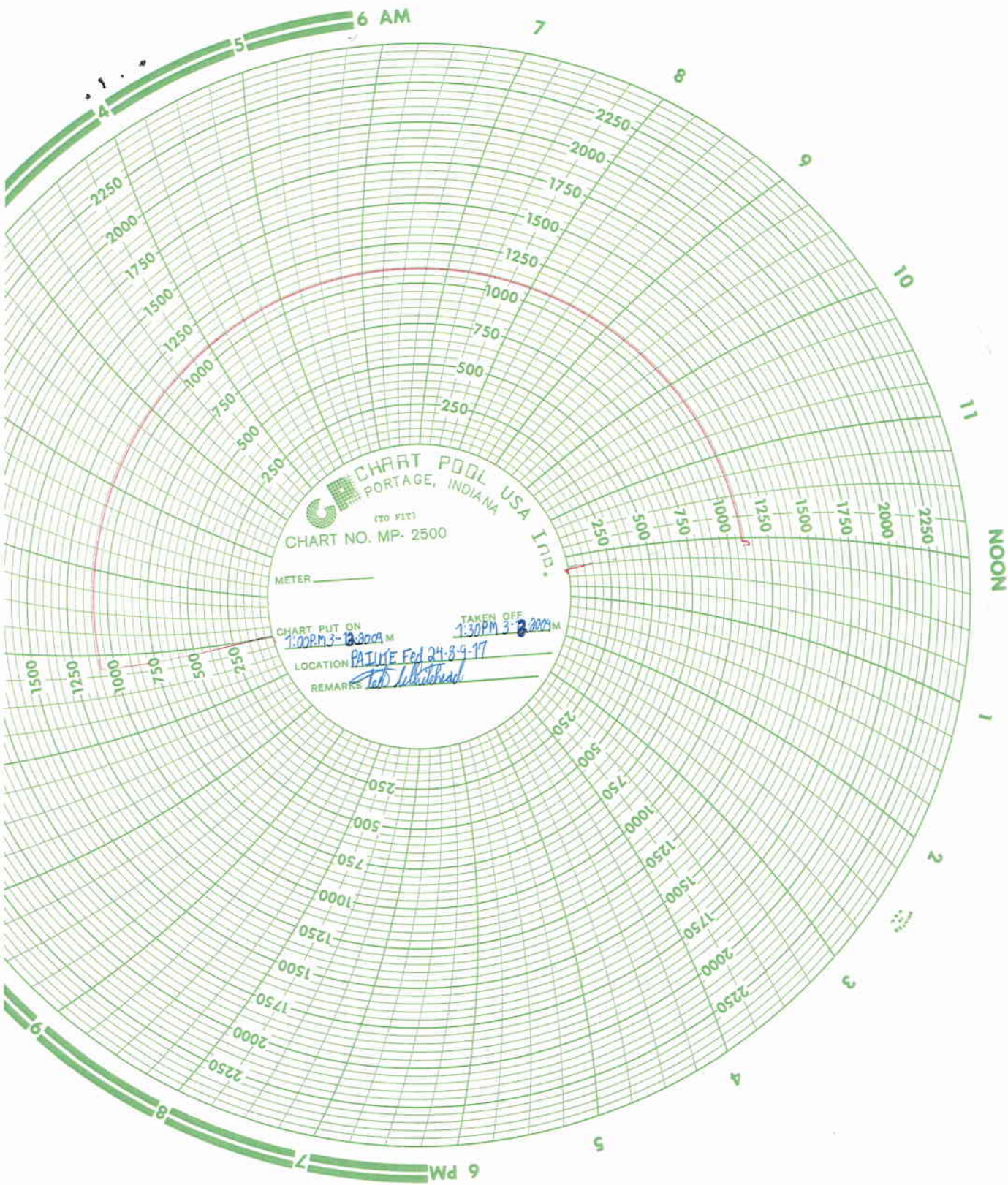


CHART POOL USA INC.
PORTAGE, INDIANA
(30 FT)
CHART NO. MP- 2500
METER _____

CHART PUT ON 1:00 PM 3-18-2009 M
TAKEN OFF 1:30 PM 3-18-2009 M
LOCATION PAULINE Fed 24-8-9-17
REMARKS Ted Whitehead



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8ENF-UFO

DEC - 9 2009

RECEIVED

DEC 14 2009

CERTIFIED MAIL 7005-1160-0005-3396-8619
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Mike Guinn, District Manager
Newfield Production Company
Route 3, Box 3630
Myton, Utah 84052

43 013 30675

9S 17E 8

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: Underground Injection Control (UIC)
Permission To Resume Injection
Paiute Federal #24-8-9-17 Well
EPA Permit #UT20798-04306
Beluga Oil Field
Duchesne County, Utah

Dear Mr. Guinn:

On April 27, 2009, EPA received information from Newfield Production Company on the above referenced well concerning the workover to address a casing leak and the use of isolation packers straddling the cement-squeezed casing leak from 3745 feet to 3993 feet depth, and the followup mechanical integrity test (MIT) conducted on March 12, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before March 12, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

Spud Date: 2/18/83

Completion Date: 7/5/83

GL: 5350' KB: 5361' KB (11' KB)

Paiute Federal #24-8

Injection Diagram

Initial Production: 129 BO

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 36 #
LENGTH: 273' (6 jts)
DEPTH LANDED: 268' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 195 sxs Type II w/ 3% CC +
14 #sk Flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5 #
LENGTH: 5995.79' (149 jts)
DEPTH LANDED: 5991' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sxs Halco Hi-Lift w/ 3% salt
+ 10 #sk Gilsonite Tailed w/ 410
sxs Thixotropic w/ 10% Calseal +
1-4 #sk Flocele + 5 # Gilsonite

CEMENT TOP AT: 500' K

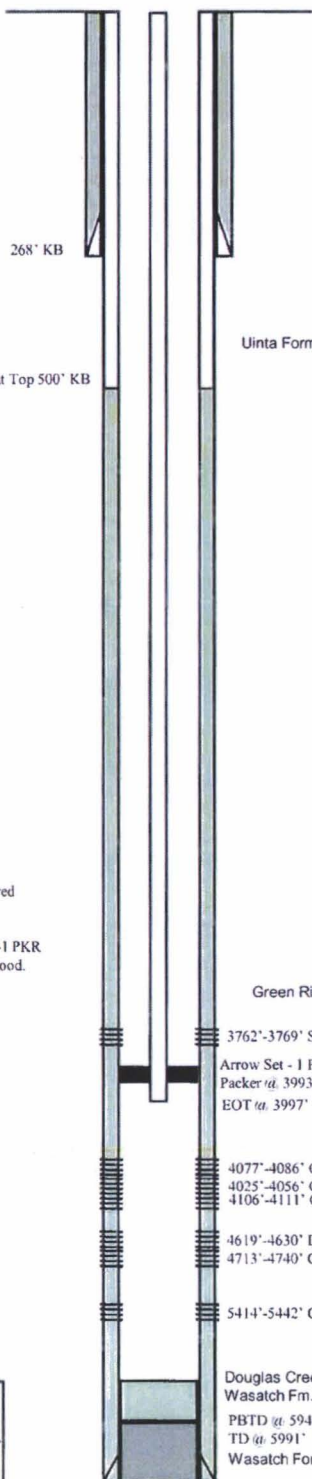
Tubing Record

SIZE/GRADE WT.: 2-7/8" J-55 6.5 #
NO. OF JOINTS: 118 Jts (3676.98')
SEAT NIPPLE: 2-7/8"x1.10" @ 4005.18
1 Crossover 2 3/8"x2 7/8" .60'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.20'
PACKER SET AT: 3993' KB
EOT @ 3997

CONVERSION: 1.) Change out 2-7/8" tbg w/
New 2-7/8" tbg from Marta-Co.
2.) TIIH w/ RBP & PKR and pump filtered
KCL water to establish injection rate
into each zone.
3.) Pump PKR fluid and Set Arrow Set-1 PKR
@ 3689'. Press. test csg to 1000 psi. Good.

PACKER FLUID: 55 Gal Champion Cortron 2383
PKR fluid mixed w/ 68 bbls 2%
KCL water. 10-9-96

MIT RECORD: 11-13-96 Witnessed by
Dan Jarvis w/ the Utah
Oil & Gas Commission.
1340 psi had been applied 24 hr
previously & still holding 1340 psi.



FRAC JOB

5414' - 5442' 3/18/83 37,500 gal VersaGel w/ 72,500#
20-40 sand. ATP-1600. Max-1750.
ATR-25 bpm, Max-26 bpm, ISIP-1620#
15Min-1530, 20 Min-1530 psi
4713' - 4740' 4/8/83 30,000 gal VersaGel w/ 65,000#
20-40. Flush w/ 5400 gal 2%KCl wtr.
ATP-1690, Max-1950. ATR-17 bpm,
Max-18. ISIP-1880, 15-1600, 20-1570
4619' - 4630' 4/27/83 10,980 gal VersaGel w/ 19,880#
20-40. ATP-4500. Max-5700. ATR-12,
bpm, Max-13. ISIP-3400#, 15min-1100#,
20min-1050#. SCREENED OUT w/
2050' sand in pipe. 5880# 6 ppg in form.
4025' - 4111' 5/8/83 6000gal prepad w/ ball sealers,
balled off. 66,000 gal VersaGel w/
151,000# 20-40. Flushed w/ 4440 gal 2%
KCl wtr. ATP-1920#, Max-2200. ATR-48 bpm
Max-54 bpm. ISIP-1660#, 15min-1420,
20min-1410 psi
10-2-06 5 Yr. MIT Done Tubing Detail updated
Zone Stimulation: Tubing detail updated
05/21/08

ACID JOB / BREAKDOWN JOB

5414' - 5442' 3/18/83 Broke well 4300 psi at 2.5 bpm
to 3700 psi at 6 bpm
4713' - 4740' 4/8/83 Break w/ rig pump @ 2800 psi
4619' - 4630' 4/27/83 Broke @ 4700# @ 5 bpm to
4100# @ 10 bpm
4025' - 4111' 5/8/83 Broke @ 3400 psi
3762' - 3769' 6/7/83 Broke @ 2400 psi, 1 bpm
3 12 09 Workover. Updated tubing details.

Green River Formation 1450 to 5400 ft.

3762'-3769' SQUEEZED

Arrow Set - 1 Packer
Packer @ 3993'
EOT @ 3997'

PERFORATION RECORD

3762' - 3769' 6/7/83 4 SPF 28 holes
3762' - 3769' 6/8/83 SQUEEZE w/ 50 sxs Class "H"
vanilla cement @ 3400 psi
4025' - 4056' 5/8/83 2 SPF 63 holes
4077' - 4086' 5/8/83 2 SPF 19 holes
4106' - 4111' 5/8/83 2 SPF 11 holes
4025' - 4056' GB-4 sds 2 SPF 23 holes
4106' - 4111' GB-9 sds 2 SPF 55 holes
4713' - 4740' 4/8/83 2 SPF 57 holes
5414' - 5442' 3/18/83 2 SPF

4619' - 4630' D-2 sds
4713' - 4740' C sds

5414' - 5442' CP-2 sds

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5946'
TD @ 5991'
Wasatch Formation 5950 ft.

NEWFIELD

Paiute Federal #24-8

2055' FWL 591' FSL

SE SW Section 8-T9S-R17E

Duchesne Co, Utah

API #43-013-30675; Lease #U-74108



February 24, 2014

Ms. Sarah Roberts
US EPA Region 8
8ENF-UFO Deep Well UIC
1595 Wynkoop Street
Denver CO 80202

RE: 5 Year MIT
Well: Paiute Federal 24-8-9-17
EPA #: UT22197-04306
API #: 43-013-30675

Dear Ms. Roberts:

8 95 17E

A 5-year MIT was conducted on the subject well on 02/20/2014. Attached are the EPA tabular sheet and a copy of the chart. You may contact me at 435-646-4874 or Ichavez-naupoto@newfield.com if you require further information.

Sincerely,

Lucy Chavez-Naupoto
Water Services Technician

Sundry Number: 48096 API Well Number: 43013306750000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-7978
<p>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</p>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: PAIUTE FED 24-8	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013306750000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0591 FSL 2055 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/20/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APP EXTENSION </div> </div> <div style="margin-top: 10px;"> <input checked="" type="checkbox"/> OTHER </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 02/20/2014 the casing was pressured up to 1442 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1637 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04306		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/24/2014	

RECEIVED: Feb. 24, 2014

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 2 120 12014
Test conducted by: Shannon Lazenby, Rocky Curry
Others present: _____

-104306

Well Name: <u>Painte Federal 24-8-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Greater Monument Butte</u>		
Location: <u>24-8-9-17</u> Sec: <u>8</u> T <u>95</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>ut</u>		
Operator: <u>Shannon Lazenby</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1720</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 31 bpd

Pre-test casing/tubing annulus pressure: 0/1637 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure		<u>1637</u> psig	psig	psig
End of test pressure		<u>1637</u> psig	psig	psig
CASING / TUBING		ANNULUS PRESSURE		
0 minutes		<u>1447</u> psig	psig	psig
5 minutes		<u>1444</u> psig	psig	psig
10 minutes		<u>1445</u> psig	psig	psig
15 minutes		<u>1444</u> psig	psig	psig
20 minutes		<u>1443</u> psig	psig	psig
25 minutes		<u>1443</u> psig	psig	psig
30 minutes		<u>1442</u> psig	psig	psig
_____ minutes		psig	psig	psig
_____ minutes		psig	psig	psig
RESULT		<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test ? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

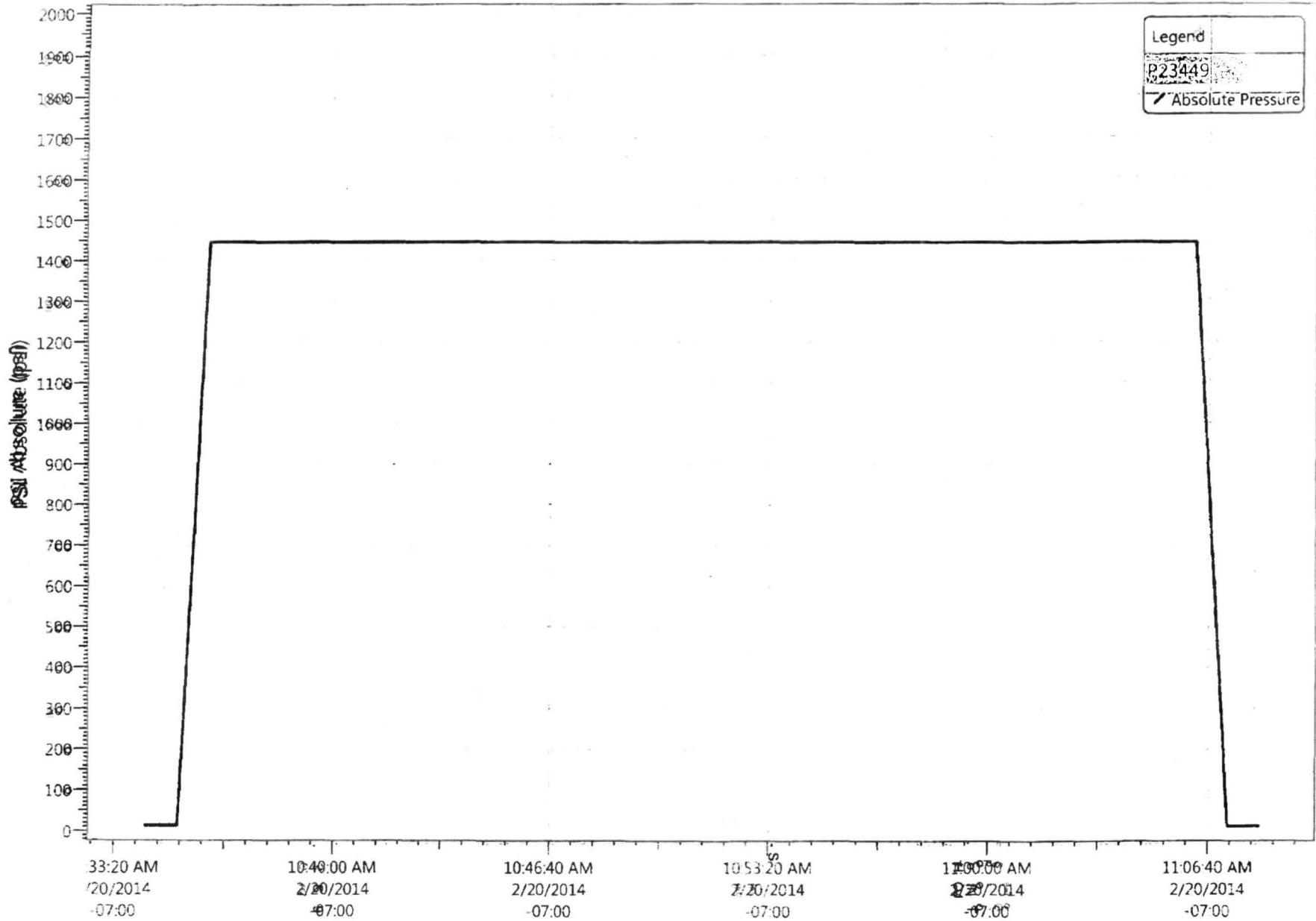
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Paiute Federal 24-89-17

2/20/2014 10:33:35 AM

Legend	
P23449	
✓ Absolute Pressure	





EQUITABLE RESOURCES
ENERGY COMPANY
 BALCON OIL DIVISION

WELL NAME: **Palute Federal #24-8**

FIELD: Monument Butte

FEDERAL LEASE NO.: U-7978

LOCATION: SE SW Sec.8, T9S, R17E

FOOTAGE: 2055' FWL, 591' FSL

COUNTY/STATE: Duchesne County, Utah

WORKING INTEREST: 0.91491728

PRODUCING FORMATION: Green River

COMPLETION DATE: 7/5/83

INITIAL PRODUCTION: 129 bbl.

OIL/GAS PURCHASER: Amoco/Universal

PRESENT PROD STATUS:

ELEVATIONS - GROUND: 5350' GL

TOTAL DEPTH: 5991' KB

DATE : 11/6/95 vk

API NO.: 43-013-30675

NET REVENUE INTEREST: 0.80471769 Oil

0.73108274 Gas

SPUD DATE: 2/18/83

OIL GRAVITY: 30

BHT:

KB: 5361' KB (11' KB)

PLUG BACK TD: 5946' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 36 #
 LENGTH: 273' (6 jts)
 DEPTH LANDED: 268' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 195 sxs Type II w/ 3% CC +
 14 #/sk Flocele

TUBING RECORD

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
 NO. OF JOINTS: 157 jts (4806.35')
 TUBING ANCHOR: NONE
 NO. OF JOINTS:
 SEATING NIPPLE: 2 7/8" x 1.1'
 PERFORATED SUB: NONE
 MUD ANCHOR: 2 7/8" x 29.55' w/NC
 TOTAL STRING LENGTH: 5419'
 SN LANDED AT: 4818' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/2" X 22'
 SUCKER RODS: 1 - 3/4" X 2' PONY
 1 - 3/4" X 6' PONY
 164 - 3/4" X 25' PLAIN
 25 - 3/4" X 25' HPS
 1 - 3/4" X 2' PONY
 TOTAL ROD STRING LENGTH: 4751.5'

PUMP SIZE: 2"x1-1/2"x16" RWBC

PUMP NUMBER:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: LUFKIN 114
 PRIME MOVER:

WELL WAS CORED
 LOGS: DIL-SFL, FDL-CNL,
 Sonic, CBL-VDL

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5995.79' (149 jts)
 DEPTH LANDED: 5991' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs Halco Hi-Lift w/ 3% salt
 + 10 #/sk Gilsonite Tailed w/ 410
 sxs Thixotropic w/ 10% Calseal +
 1/4 #/sk Flocele + 5# Gilsonite

CEMENT TOP AT: 500' KB

PERFORATION RECORD

3762' - 3769'	6/7/83	4 SPF	28 holes	
3762' - 3769'	6/8/83	SQUEEZE w/ 50 sxs Class "H"		
		vanilla cement @ 3400 psi		
4025' - 4056'	5/8/83	2 SPF	63 holes	Y2
4077' - 4086'	5/8/83	2 SPF	19 holes	Y3
4106' - 4111'	5/8/83	2 SPF	11 holes	Y3
4619' - 4630'	4/27/83	2 SPF	23 holes	R2
4713' - 4740'	4/8/83	2 SPF	55 holes	R5
5414' - 5442'	3/18/83	2 SPF	57 holes	B1

ACID JOB / BREAKDOWN JOB

5414' - 5442'	3/18/83	Broke well 4300 psi at 2.5 bpm to 3700 psi at 6 bpm
4713' - 4740'	4/8/83	Break w/ rig pump @ 2800 psi
4619' - 4630'	4/27/83	Broke @ 4700# @ 5 bpm to 4100# @ 10 bpm
4025' - 4111'	5/8/83	Broke @ 3400 psi
3762' - 3769'	6/7/83	Broke @ 2400 psi, 1 bpm

lev. GR - 5350' GL
 lev. KB - 5361' (11' KB)

5350' GL
 5361' KB (11' KB)

WELLBORE DIAGRAM

DATE: 11/6/95 vk

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 36 #
 LENGTH: 273' (6 jts)
 DEPTH LANDED: 268' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 195 sxs Type II w/ 3% CC +
 14 #/sk Flocele

268' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5995.79' (149 jts)
 DEPTH LANDED: 5991' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs Halco Hi-Lift w/ 3% salt
 + 10 #/sk Gilsonite Tailed w/ 410
 sxs Thixotropic w/ 10% Calseal +
 1/4 #/sk Flocele + 5# Gilsonite

CEMENT TOP AT: 500' KB

TUBING

SIZE/GRADE/WT.: 2-3/8", J-55, 4.7#
 NO. OF JOINTS: 157 jts (4806.35')
 TUBING ANCHOR: NONE
 NO. OF JOINTS:
 SEATING NIPPLE: 2 7/8" x 1.1'
 PERFORATED SUB: NONE
 MUD ANCHOR: 2 7/8" x 29.55' w/NC
 STRING LENGTH: 5419'
 SN LANDED AT: 4818' KB

SUCKER RODS

POLISHED ROD: 1-1/2" X 22'
 SUCKER RODS: 1 - 3/4" X 2' PONY
 1 - 3/4" X 6' PONY
 164 - 3/4" X 25' PLAIN
 25 - 3/4" X 25' HPS
 1 - 3/4" X 2' PONY
 STRING LENGTH: 4751.5'

PUMP NUMBER: 2"x1-1/2"x16' RWBC
 PUMP SIZE:

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT: LUFKIN 114
 PRIME MOVER:

WELL WAS CORED
 LOGS: DIL-SFL, FDL-CNL,
 Sonic, CBL-VOL

ACID JOB /BREAKDOWN

5414' - 5442'	3/18/83	Broke well 4300 psi at 2.5 bpm to 3700 psi at 6 bpm
4713' - 4740'	4/8/83	Break w/ rig pump @ 2800 psi
4619' - 4630'	4/27/83	Broke @ 4700# @ 5 bpm to 4100# @ 10 bpm
4025' - 4111'	5/8/83	Broke @ 3400 psi
3762' - 3769'	6/7/83	Broke @ 2400 psi, 1 bpm

FRAC JOB

5414' - 5442'	3/18/83	37,500 gal VersaGel w/ 72,500# 20/40 sand. ATP-1600, Max-1750, ATR-25 bpm, Max-26 BPM, ISIP-1620# 15Min-1530 psi, 20 Min-1530 psi 30,000 gal VersaGel w/ 65,000# 20/40. Flush w/ 5400 gal 2%KCl wtr. ATP-1690, Max-1950. ATR-17 bpm, Max-18. ISIP-1880, 15-1600, 20-1570 10,980 gal VersaGel w/ 19,880# 20/40. ATP-4500, Max-5700, ATR-12 bpm, Max-13, ISIP-3400#, 15min-1100#, 20min-1050#. SCREENED OUT w/ 2050' sand in pipe, 5880# 6 ppg in. 6000gal prepad w/ ball sealers, balled off. 66,000 gal VersaGel w/ 151,000# 20/40. Flushed w/ 4440 gal 2% KCl wtr. ATP-1920#, Max-2200. ATR-48 bpm Max-54 bpm. ISIP-1660#, 15min-1420, 20min-1410 psi
4713' - 4740'	4/8/83	
4619' - 4630'	4/27/83	
4025' - 4111'	5/8/83	

PERFORATION RECORD

3762' - 3769'	6/7/83	4 SPF 28 holes
3762' - 3769'	6/8/83	SQUEEZE w/ 50 sxs Class "H" vanilla cement @ 3400 psi
4025' - 4056'	5/8/83	2 SPF 63 holes Y3
4077' - 4086'	5/8/83	2 SPF 19 holes Y3
4106' - 4111'	5/8/83	2 SPF 11 holes Y2
4619' - 4630'	4/27/83	2 SPF 23 holes R2
4713' - 4740'	4/8/83	2 SPF 55 holes R5
5414' - 5442'	3/18/83	2 SPF 57 holes B1

3762' - 3769' SQUEEZED

4077' - 4086'
 4025' - 4056'
 4106' - 4111'

4619' - 4630'
 4713' - 4740'

SN LANDED @ 4818' KB

5414' - 5442'
 EOT LANDED @ 5430' KB

PBTD @ 5846' KB
 TD @ 5991' KB



EQUITABLE RESOURCES
ENERGY COMPANY
BALORON OIL DIVISION

Palute Federal #24-8
SE SW Sec.8, T9S, R17E
2055' FWL, 591' FSL
Lease #U-7978
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5350' GL
Elev.KB - 5361' KB (11' KB)

Proposed Injection Wellbore Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 36 #
LENGTH: 273' (6 jts)
DEPTH LANDED: 268' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 195 sxs Type II w/ 3% CC +
14 #/sk Flocele

268' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5995.79' (149 jts)
DEPTH LANDED: 5991' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sxs Halco Hi-Lift w/ 3% salt
+ 10 #/sk Gilsonite Tailed w/ 410
sxs Thixotropic w/ 10% Calseal +
1/4 #/sk Flocele + 5# Gilsonite

CEMENT TOP AT: 500' KB

TOC - 500' KB

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

3762' - 3769'	6/7/83	4 SPF	28 holes	
3762' - 3769'	6/8/83	SQUEEZE w/ 50 sxs Class "H" vanilla cement @ 3400 psi		
4025' - 4056'	5/8/83	2 SPF	63 holes	Y3
4077' - 4086'	5/8/83	2 SPF	19 holes	Y3
4106' - 4111'	5/8/83	2 SPF	11 holes	Y2
4619' - 4630'	4/27/83	2 SPF	23 holes	R2
4713' - 4740'	4/8/83	2 SPF	55 holes	R5
5414' - 5442'	3/18/83	2 SPF	57 holes	B1

TUBING

SIZE/GRADE/WT.: 2-3/8" J-55 / 6.5#
NO. OF JOINTS: 3697
SEAT NIPPLE: 2-3/8" X 1.1'
ARROW SET 1 PACKER: 5-1/2" X 4'
PACKER SET AT: 3702' KB

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
SET AT 3702' KB

3762' - 3769' SQUEEZED

4077' - 4086'
4025' - 4056'
4106' - 4111'

4619' - 4630'
4713' - 4740'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

5414' - 5442'

PBTD @ 5946' KB
TD @ 5991' KB

Wasatch Formation 5950 ft.

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**EQUITABLE RESOURCES
ENERGY COMPANY**
BALORON OIL DIVISION

Palute Federal #24-8
SE SW Sec.8, T9S, R17E
2055' FWL, 591' FSL
Lease #U-7978
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

Elev.GR - 5350' GL
Elev.KB - 5361' KB (11' KB)

Proposed Plugging & Abandonment Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 36 #
LENGTH: 273' (6 jts)
DEPTH LANDED: 268' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 195 sxs Type II w/ 3% CC +
14 #/sk Flocele

268' KB

Permanent P&A marker w/ identifying well information.

Plug No.2 Surface to 368 ft.
Perforate csg at 100 ft below
the surface csg shoe & circulate
100 sx of Class-G Cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5995.79' (149 jts)
DEPTH LANDED: 5991' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sxs Halco Hi-Lift w/ 3% salt
+ 10 #/sk Gilsonite Tailed w/ 410
sxs Thixotropic w/ 10% Calseal +
1/4 #/sk Flocele + 5# Gilsonite

CEMENT TOP AT: 500' KB

TOC - 500' KB

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

3762' - 3769'	6/7/83	4 SPF	28 holes	
3762' - 3769'	6/8/83	SQUEEZE w/ 50 sxs Class "H" vanilla cement @ 3400 psi		
4025' - 4056'	5/8/83	2 SPF	63 holes	Y3
4077' - 4086'	5/8/83	2 SPF	19 holes	Y3
4106' - 4111'	5/8/83	2 SPF	11 holes	Y2
4619' - 4630'	4/27/83	2 SPF	23 holes	R2
4713' - 4740'	4/8/83	2 SPF	55 holes	R5
5414' - 5442'	3/18/83	2 SPF	57 holes	B1

PLUGGING PROCEDURE

Enter the well w/tbg and wash to TD. If the well is not dead, circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perms. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface csg shoe. Circulation will be established to surface and cement will be circulated to fill the production csg & the annulus from the perforations to surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface & the bottom will be 100 ft below the surface csg shoe. A P&A marker will be set to identify the location.

Green River Formation 1450 to 5400 ft.

3762' - 3769' SQUEEZED

4077' - 4086'
4025' - 4056'
4106' - 4111'

Plug No.1 TD to 3462 ft.
260 sx of Class-G Cement

4619' - 4630'
4713' - 4740'

Douglas Creek Member 4550 to 5400 ft.
Wasatch Fm. Transition 5400 to 5950 ft.

5414' - 5442'

PBTD @ 5946' KB
TD @ 5991' KB

Wasatch Formation 5950 ft.